

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Consolidated Oil & Gas, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 2038, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2140' FSL & 660' FWL

At proposed prod. zone

As above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7-1/2 miles

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

NA

17. NO. OF ACRES ASSIGNED

TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2500'

19. PROPOSED DEPTH

5700'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4599' GR

22. APPROX. DATE WORK WILL START*

October, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48.0#	80'	100 sx, circ to surface
12-1/4"	8-5/8"	24.0#	1500'	650 sx, circ to surface
7-7/8"	5-1/2"	15.5#	5700'	To be determined at TD

1. Drill 17-1/2" hole to 80'. Run 13-3/8" casing to surface & cement. WOC 12 hours.
2. Drill 12-1/4" hole to 1500'. Run 8-5/8" casing & cement. WOC 12 hours.
3. Install 10", 900# BOP. Pressure test BOP & casinghead to 1000 psi for 30 minutes.
4. Drill 7-7/8" hole to estimated TD, 5700'.
5. Run Electric Logs. Based on logs complete or abandon well.
6. If completed, run 5-1/2" production casing & cement.
7. If abandoned, plugging instructions will be obtained from the proper agencies.

RECEIVED

OCT 9 1981

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Production & Drilling Sup't. DATE 9-4-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10-2-81

BY: M. J. Murden

Will require hydrofracture, blind
& pipe ramps min rate
3000 # W.P. fill & kill lines

COMPANY CONSOLIDATED OIL AND GAS, INC.

LEASE BLUFF WELL NO. #13-4

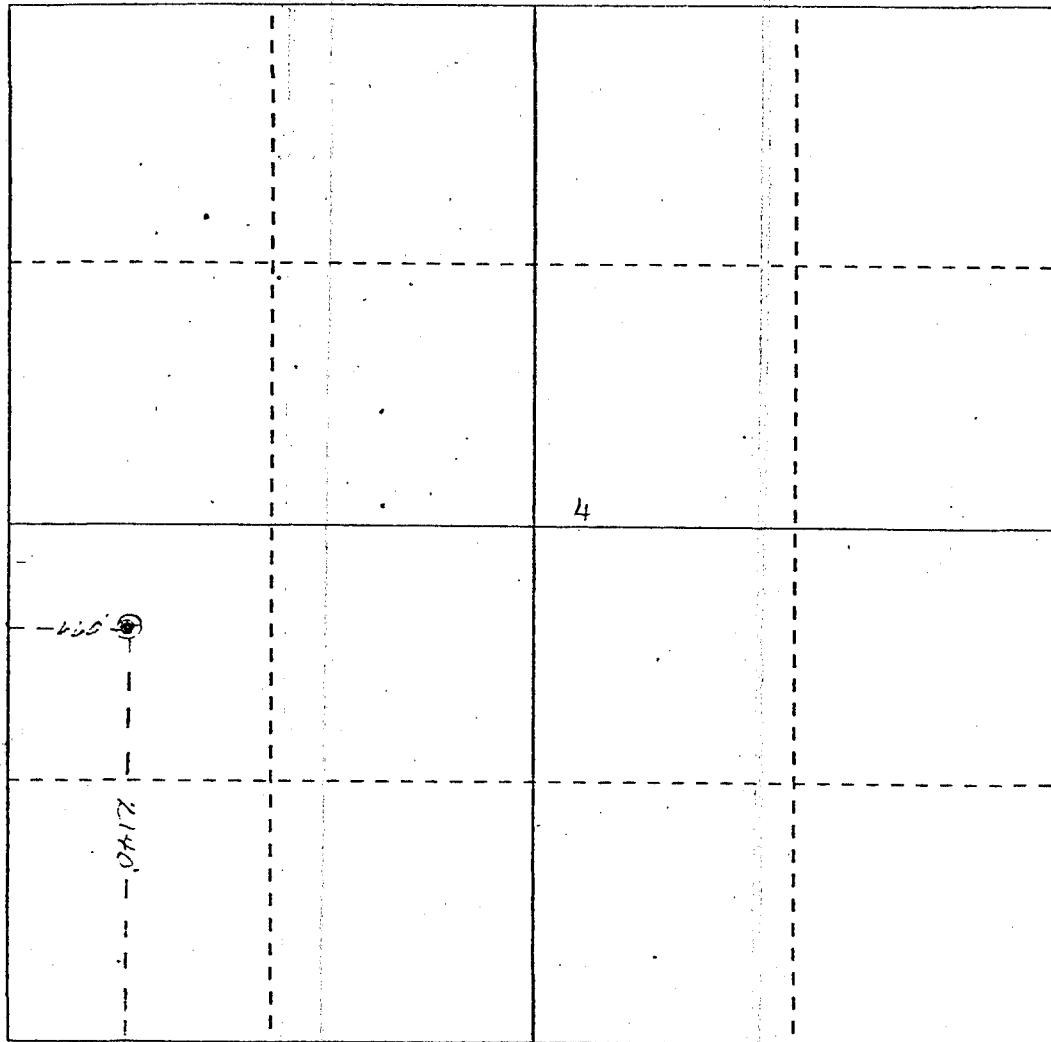
SEC. 4, T. 40 SOUTH, R. 23 EAST

LOCATION 2140 FEET FROM THE SOUTH LINE AND
660 FEET FROM THE WEST LINE

ELEVATION 4599 UNGRADED GROUND

SAN JUAN COUNTY,

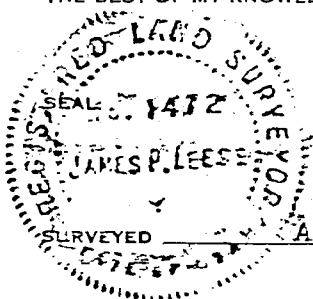
UTAH




SCALE - 1 INCH EQUALS 1000 FEET

R 23 E

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.




Registered Land Surveyor.
James P. Leese

Utah Registration #1472

August 10, 1981

Identification No. _____

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Consolidated Oil & Gas, Incorporated

Project Type single zone explorational oil well

Project Location 2140' FSL/660' FWL, Sec. 9, T. 40 S., R. 23 E., San Juan County, Utah

Well No. 13-4 Bluff Lease No. SL 071403-A

Date Project Submitted _____

FIELD INSPECTION

Date August 25, 1981

Field Inspection
Participants

Dale Richardson - Consolidated Oil

Brian Wood / Reed Wilson - Bureau of Land Management

Randy Corbett - Bureau of Indian Affairs

Nelly Jackson - Navajo Compliance Officer

Don Englishman - U.S. Geological Survey

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

November 6, 1981

Date Prepared

Don Englishman
Environmental Scientist

I concur

JUL 08 1982

Date

W. W. Mouton

District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety						✓ 4	✓		
2. Unique charac- teristics							✓		
3. Environmentally controversial							✓		
4. Uncertain and unknown risks							✓		
5. Establishes precedents							✓		
6. Cumulatively significant							✓		
7. National Register historic places	✓ 1								
8. Endangered/ threatened species	✓ 1								
9. Violate Federal, State, local, tribal law						✓ 4	✓		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

Date 8-25-81

By DER (PER)

Lease SL-071403-A

Field WC

Operator Consolidated Oil & Gas, Inc. (Dev, W.C., W.O.)

Well # & Name Bluff 13-A

NW SW Location 2140' E SL / 660' FW S. 4 T. 40S R. 23E

County San Juan State Utah

Depth 5700' Formation Ds CK

Vegetation greasewood harrow leaf yucca / broom

Shrubs / Mormon tea / S. Cholla / Wolfberry
Alkali sacaton / curly grass / Cheat grass

Est. Rd. Inth. 1500' Est. Max. cut 6'

Pad/Pit size 300' x 250' Est. Max. cut 6' NW

Rd. Width (w/PL w/o PL) 18'-20'

Slope 4% Soil Type sand/rock

Est. Start Q. S. a. p. Mud Gas

Nearest known dwelling 3 miles NE

Surface Ownership Navajo Tribe

Names of Individuals on Joint Inspection:

Dale Richardson - Consolidated

Brian Wood / Reed Wilson - BLM

Reynolds Cornett - BIA

Nelly Jackson - Navajo Comptroller

Canyon bottoms (broad)

Remarks:

CR

8-22-81 11-6-81

10 days

Water: BLM
El Paso
Water - 4 miles

** FILE NOTATIONS **

DATE: Sept. 30, 1981

OPERATOR: Consolidated Oil & Gas, Inc.

WELL NO: Bluff #13-4

Location: Sec. 4 T. 40S R. 23E County: San Juan

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-037-30726

CHECKED BY:

Petroleum Engineer: M. J. Minder 10-2-81

Director: _____

Administrative Aide: OK as per Rule C-3,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation 3-41

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

October 7, 1981

Consolidated Oil & Gas, Inc.
P. O. Box 2038
Farmington, New Mexico 87401

RE: Well No. Bluff #13-4,
Sec. 4, T. 40S, R. 23E,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30726.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

Bureau of Indian Affairs

Transmittal of Application for Permit to Drill

Date 10-29-81

Lease Number SL 071403-A

Operator Consolidated Oil & Gas

Sec. 4 T. 40S R. 23E

Well No. & Name Bluff #13-4

Footage 2140' F(S) (●) L 660' F(●) (W) L

Date APD Received September, 1981 San Juan County, Utah

If the proposed action meets with your approval, please acknowledge in the space below and return the copy to this office. Please check the applicable surface rehabilitation stipulations in section 15 of the attached General Requirements and list any additional ones you would like included. We will approve the application upon receipt of these requirements.

Geological Survey _____

RECEIVED

NOV 5 1981

..... U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Surface Owner



Tribal



Allotted



Other _____

I concur with the approval of the Application for Permit to Drill and/or the Surface Development and Operation Plan provided the following conditions are included in the approval.

Date 11/03/81

Jerry W. Thomas
BIA Representative

- ☐ H. No well and/or production equipment within the irrigable fields of the Navajo Indian Irrigation Project will exceed two feet above the natural ground surface elevation, and will be adequately barricaded for safety.
- ☐ I. Any production piping systems shall be installed with at least four feet of cover.
- ☐ J. In addition to the well-control equipment stipulated in Section 5, either an annular blowout preventer or a rotating head must be used while drilling below surface casing to _____.
- ☒ K. Other:
A diversion will be constructed on the north side of the location, to divert runoff around the pad and pit.

☒ Debris needs to be cleaned up and properly disposed of.

☒ Oil Spillage spots need to be cleaned up prior to seeding.

☒ Pad and access road are to be disced and properly prepared for seeding.

☒ All disturbed areas will be reseeded and fenced to allow establishment of seeding. *Fencing applies only to pad and pit areas.*

☒ All disturbed areas will be seeded with the recommended seed mix. Seed will be drilled to a depth of not less than $\frac{1}{4}$ inch and not more than $\frac{1}{2}$ inch, followed by a drag or packer. Compacted areas will be plowed (Disced) to a depth of 4 - 6 inches before seeding.

RECOMMENDED SEEDING MIXTURES:

	LBS./AC.	MINIMUM % PLS Accept.
<input checked="" type="checkbox"/> 1. Indian Ricegrass	1	
Galleta	2	55%
4-wing Saltbush (Dewinged)	1	57%
Winter Fat Alkali Sacaton	1	76%
<input type="checkbox"/> 2. Indian Ricegrass	1	
Galleta	2	55%
Alkali Sacaton	1	76%
Winter Fat	1	
Shadscale	1	
<input type="checkbox"/> 3. Indian Ricegrass	1	
Galleta	2	55%
Alkali Sacaton	1	76%
4-wing Saltbush (Dewinged)	1	57%
Shadscale	1	
<input type="checkbox"/> 4. Indian Ricegrass	1	
Galleta	2	55%
Needle & Thread	1	
4-Wing Saltbush (Dewinged)	1	57%
Cliffrose	1	

15. SPECIAL STIPULATIONS

The following special requirements apply and are effective when checked:

- ☐ A. _____ surface casing should be set at _____ feet and cement circulated to the surface.
- ☐ B. Ram-type blowout preventers and related control equipment shall be pressure tested with water to the rated working pressure of the stack assembly (except that the annular-type preventer may be tested to 70 percent of rated working pressure) (a) when installed; (b) before drilling possible abnormally-pressured zones; and (c) following repairs that require disconnecting a pressure seal in the assembly.
- ☐ C. Minimum required fill of cement behind the _____ casing is to _____.
- ☒ D. All above ground permanent structures and equipment will be painted a non-glare color that simulates the natural color of the site, as follows:



Brown, Federal Standard 595a-30318
 Green, Federal Standard 595a-34127
 Gray, Federal Standard 595a-36357
 Sand, Federal Standard 5952-30277

- ☐ E. A kelly cock will be installed and maintained in operable condition.
- ☐ F. A Communitization Agreement covering the acreage dedicated to the well must be filed for approval with the U.S. Geological Survey, P.O. Box 26124, Albuquerque, New Mexico 87125. The effective date of the agreement must be prior to any sales.
- ☒ G. Compacted areas will be plowed or ripped to a depth of 4-6" before reseeding. Reseeding of the disturbed lands is required upon completion of drilling and completion activities and abandonment of the well. All seeding will be done between July 1 and September 15. Seeding will be done with a disc-type drill with two boxes for various seed sizes. The drill rows will be eight to ten inches apart. The seed will be planted between one-half inch deep and three quarter inch deep. The seeder will be followed with a drag, packer, or roller to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed will be done on the contour where possible, not up and down the slope. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder will be used, using twice the recommended seed per acre. Seed will then be covered to the depth described above by whatever means is practical.

If, in the opinion of the surface management agency, the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings until revegetation is successful.

Utah Office of Land Development
P.O. Box 410
Montezuma Creek, Utah 84534-0410
801-651-3208

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

JUN 25 1982
SALT LAKE CITY, UTAH

March 10, 1982

Office of the Secretary
Minerals Management Service
South Central Region
P.O. Box 600
Farmington, New Mexico 87401

Attention: James Sims

Re: Consolidated Oil & Gas Inc.

Dear Sir:

Consolidated Oil & Gas Inc. has been given approval on November 27, 1981 to drill Bluff 13-4 well location located in Section 4, T40S, R23E, San Juan County, Utah.

Sincerely,


Nellie Jackson,
Compliance Officer

cc: Consolidated Oil & Gas
Bureau of Land Operations
Real Property

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Consolidated Oil & Gas, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 2038, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2140' FSL & 660' FWL

At proposed prod. zone

As above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OR RAILROAD*

7-1/2 miles

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

2500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4599' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48.0#	80'	100 sx. circ to surface
12-1/4"	8-5/8"	24.0#	1500'	650 sx. circ to surface
7-7/8"	5-1/2"	15.5#	5700'	To be determined at TD

1. Drill 17-1/2" hole to 80'. Run 13-3/8" casing to surface & cement. WOC 12 hours.
2. Drill 12-1/4" hole to 1500'. Run 8-5/8" casing & cement. WOC 12 hours.
3. Install 10", 900# BOP. Pressure test BOP & casinghead to 1000 psi for 30 minutes.
4. Drill 7-7/8" hole to estimated TD, 5700'.
5. Run Electric Logs. Based on logs complete or abandon well.
6. If completed, run 5-1/2" production casing & cement.
7. If abandoned, plugging instructions will be obtained from the proper agencies.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Production & Drilling Sup't. DATE 9-4-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

for E. W. Guynn
District Oil & Gas Supervisor

CONDITIONS OF APPROVAL, IF ANY:

DATE

JUL 29 1982

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-4
DATED 1/1/80

State Oil & Gas

OPERATIONS PLAN

U. S. Geological Survey

701 Camino Del Rio

Durango, Colorado 81301

Re: Application for Permit to Drill

Bluff 13-4

San Juan County, Utah

Gentlemen:

Following is the information requested in NTL-6 to accompany the permit to drill:

1. Location:

2140' FSL & 660' FWL
Sec 4, T40S, R23E
San Juan County, Utah

2. Elevation of Unprepared Ground:

4599' GL

3. Geologic Name of Surface Formation:

4. Type Drilling Tools:

Rotary

5. Proposed Drilling Depth:

5700'

6. Estimated Tops of Geologic Markers:

Ismay	5350'
Paradox Shale	5500'
Desert Creek	5540'

7. Estimated Depths at which Anticipated Gas or Oil Bearing Formations
Expected:

5540'

8. Casing Program and Setting Depth:

	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Condition</u>	<u>Setting</u>
Conductor	13-3/8"	48#	H-40	New	80'
Surface	8-5/8"	24#	K-55	New	1500'
Production	5-1/2"	15.5#	K-55	New	5700'

9. Casing Setting Depth and Cement:

a. Conductor casing will be set at 80' & cement circulated to surface with 100 sx Class "B" containing 2% CaCl_2 .

b. Surface casing - 8-5/8" will be set at 1500' & cement circulated to surface with 650 sx Class "B" containing 2% CaCl_2 .

c. Production casing - 5-1/2" will be set at TD & cemented.

10. Pressure Control Equipment:

See attached (Diagram "A").

11. Circulating Media:

0-80' - Fresh water
 80-1500' - Spud mud
 1500'-TD - Low solids mud, 30-38 vis with 8.5-9.0 PPG
 (heavier weight mud if required by well condition.)

12. Testing, Logging and Coring Programs:

Open hole logs will be run at TD.
 No cores or DST's are planned.

13. Abnormal Pressure or Temperature and Hydrogen Sulfide Gas:

None anticipated.

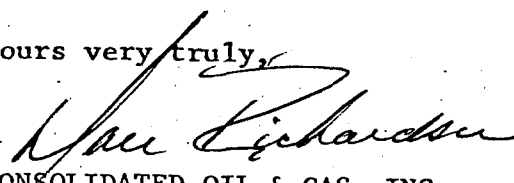
14. Anticipated Starting Date:

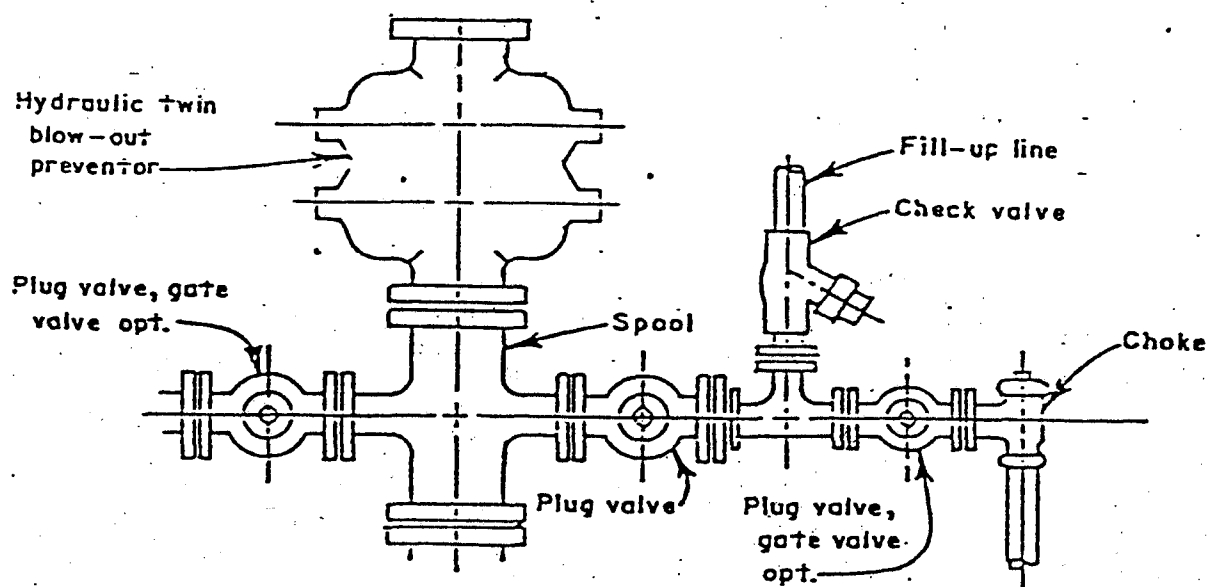
October, 1981

15. Other Facets of the Proposed Operations:

None

Yours very truly,


 CONSOLIDATED OIL & GAS, INC.



OPERATIONS PLAN
 DIAGRAM "A" - PRESSURE CONTROL EQUIPMENT
 CONSOLIDATED OIL & GAS, INC.
 Bluff #13-4
 SW/4 Sec 4, T40S, R23E
 San Juan County, Utah

Development Plan For Surface Use

Consolidated Oil & Gas, Inc. - Operator

Bluff 13-4

SW/4 Sec 4, T40S, R23E

San Juan County, Utah

1. Existing Roads

See enclosed topographic map (Exhibit I) which shows existing improved and unimproved roads.

2. Planned Access Roads

See enclosed topographic map.

3. Location of Existing Wells

See enclosed topographic map.

4. Location of Existing and/or Proposed Facilities

See enclosed topographic map showing location of wells and facilities operated by Consolidated Oil & Gas, Inc. If production is established, the tank battery and other required producing equipment will be located per attached completion plat: (Exhibit II)

5. Location and Type of Water Supply

Water for drilling will be hauled from El Paso Natural Gas Company's water hole.

6. Source of Construction Materials

No additional construction materials required.

7. Methods of Handling Waste Disposal

All waste material will be contained by earthen and steel pits. The earthen pits will be subsequently backfilled and buried. A portable chemical toilet will be furnished for drilling personnel.

8. Ancillary Facilities

No separate campsites or air strips are proposed.

9. Wellsite Layout

The drillsite location will be graded and will be approximately
_____ 200' by _____ 250' with natural drainage to the _____ south.

Care will be taken while grading to control erosion. (Exhibit III)

10. Plans for Restoration of Surface

- A. Following drilling and completion operations all equipment and material not needed for operations will be removed. Pits containing fluid will be fenced until they dry out and will then be filled and the location cleaned of all trash and junk.
- B. After abandonment, any special rehabilitation and/or re-vegetation requirements (specified by regulatory agency) will be complied with and accomplished as expeditiously as possible.

11. Other Information

If, during operations, any historic or prehistoric ruin, monument or site, or any object of antiquity is discovered, work will be suspended and the discovery will be reported to the appropriate regulatory agency.

The area covered by the location and proposed access road is - -
BLM and Navajo Reservation

12. Operator's Representative

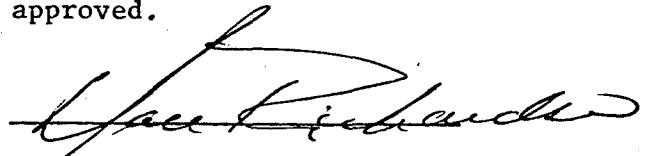
Dale Richardson
P.O. Box 2038
Farmington, New Mexico 87401
Phone: Office (505) 632-8056
Home (505) 327-4279

13. Certification

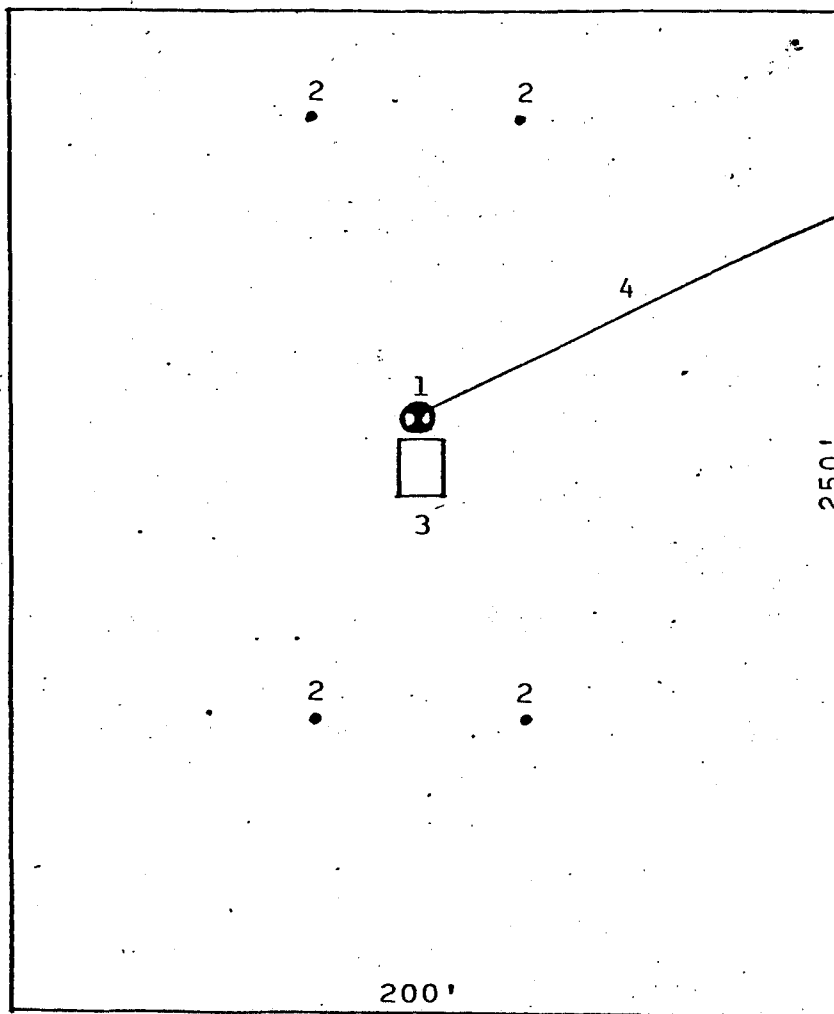
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Consolidated Oil & Gas, Inc., its Contractors and Subcontractors in conformity with this plan and the terms and conditions under which it is approved.

9-4-81

Date


Dale Richardson

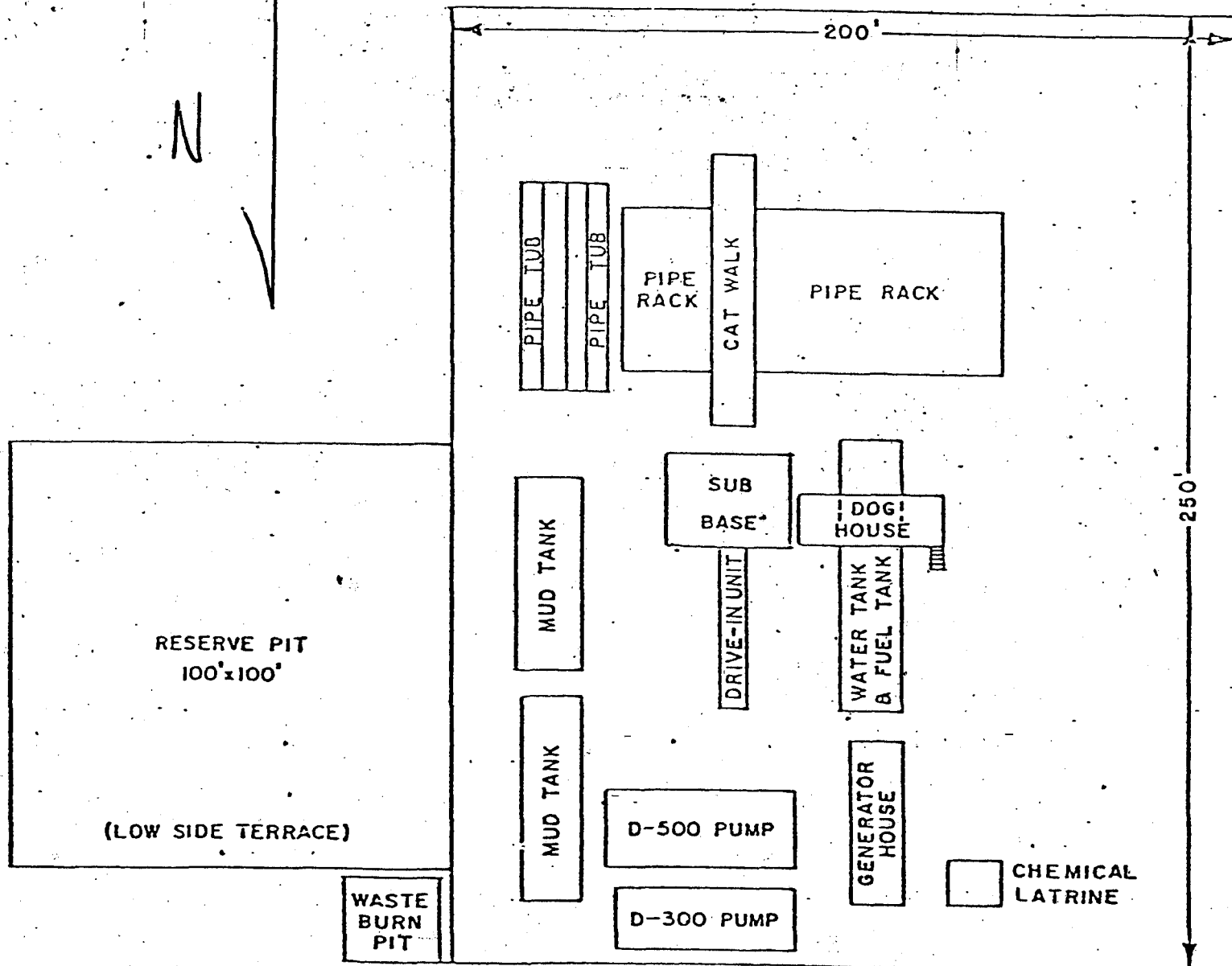
Production & Drilling Sup't.



1" = 50'

1. Well
2. Dead Men
3. Pump Jack
4. Flow Line to Production Battery

DEVELOPMENT PLAN FOR SURFACE USE
 EXHIBIT II - PROPOSED PRODUCING FACILITIES
 CONSOLIDATED OIL & GAS, INC.
 Bluff #13-4
 SW/4 Sec 4, T40S, R23E
 San Juan County, Utah



DEVELOPMENT PLAN FOR SURFACE USE
 EXHIBIT III - DRILLSITE LAYOUT
 CONSOLIDATED OIL & GAS, INC.
 BLUFF #13-4
 SW/4 Sec 4, T40S, R23E
 San Juan County, Utah

AMENDMENTS TO SURFACE USE PLAN
and
RECLAMATION PROCEDURES

Lease No.: SL-071403-A

Pre-drill Inspection Date: 8-25-81

Operator: Consolidated Oil & Gas, Inc.

Participants: Brian Wood - BLM

Well Name: Bluff #13-4

Reed Wilson - BLM

Well Location: 2140' FSL & 660' FWL

Don Englishman - U.S.G.S.

Sec 4, T40S, R23E

San Juan County, Utah

Nelly Jackson - Navajo Tribal

Compliance Office

Randy Cornett - BIA

Randy Moorehead - Archaeologist

Construction:

1. The operator or his contractor will contact the San Juan Resource Area Office in Monticello, Utah (Phone 801/587-2201) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with a copy of the Surface use plan and any additional BLM stipulations prior to any work.
3. The San Juan County Road Department in Monticello will be contacted prior to the use of county roads for this activity (prior to construction); Mr. Dick Traister at 801/587-2249.
4. Use of water from sources such as wells, springs, streams, or stock ponds for activities associated with this well will be approved (prior to use) by the agency or individual holding the water right.

5. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
6. Improvement to existing access (will/~~wilxxmx~~) be necessary and will be limited to a total disturbed width of 16 feet. New construction will be limited to a total disturbed width of 16 feet. Road surface will be flat bladed to remove brush, no ditching or water bars or culverts will be installed. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
Surfacing material will not be placed on the access road or location without prior BLM approval.
7. The top 10 inches of soil material will be removed from the location and stockpiled separate from the trees on the NE side of the location. Topsoil along the access will be reserved in place.
8. A trash pit will be constructed near the mud tanks with steep sides and dug at least six feet into solid undisturbed material. It will be totally enclosed with a fine mesh wire before the rig moves onto the location.
9. The reserve pit (will/~~wilxxmx~~) be lined with plastic sufficient to prevent seepage.
10. Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

11. A burning permit will be required before burning trash between May 1 and October 31. This can be acquired by contacting the State Fire Warden, John Baker at 801/587-2705.

Rehabilitation

1. Immediately on completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash pit. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the San Juan Resource Area BLM office in Monticello, Utah (phone 801/587-2201) 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with a contour to a depth of 6 inches.
7. Seed will be (broadcast/~~drilled~~) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.

2 lbs/acre Indian ricegrass (*Oryzopsis hymenoides*)
 lbs/acre Fourwing saltbush (*Atriplex canescens*)
 lbs/acre Sand dropseed (*Sporobolus cryptandrus*)

(cont'd)

- 1 lbs/acre Green ephedra (*Ephedra cryptandrus*)
- lbs/acre Cliffrose (*Cowania mexicana*)
- lbs/acre Crested wheatgrass (*Agropyron desertorum*)
- lbs/acre Western wheatgrass (*Agropyron smithii*)
- lbs/acre Alkali sacaton (*Sporobolus airoides*)
- lbs/acre Rubber rabbitbrush (*Chrysothamnus nauseosus*)
- 2 lbs/acre Shad Scale

8. N/A After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent future use.
9. Water bars will be constructed as directed by BLM to control erosion.

Production

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed by the methods described in the rehabilitation section. Enough topsoil will be retained to reclaim the remainder of the location at a future date. The remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.
2. All above ground production facilities will be painted a neutral color to be approved by the BLM.
3. The access shall be upgraded to the following specifications:

NOTICE OF SPUD

Company: Consolidated Oil & Gas

Caller: Carl Barrick

Phone: 303-247-5144

Well Number: 13-4-Bluff

Location: NW SW Sec 4 40S 23E

County: San Juan State: Utah

Lease Number: SL 071403-A

Lease Expiration Date: Production

Unit Name (If Applicable): —

Date & Time Spudded: 11:30 PM Aug 14, 1982

Drill Hole Spudder/Rotary: Rotary

Details of Spud (Hole, Casing, Cement, etc.) —

8 5/8 1489 455 Sack 55 lbs.

200 sack Class B. 150 Sack from top.

Rotary Rig Name & Number: Coleman Rig #1

Approximate Date Rotary Moves In: Aug 13, 1982 Development well

FOLLOW WITH SUNDRY NOTICE

Call Received By: Becky George

Date: August 17, 1982

State of G ✓
Vernal mms
Teresa
Diane
well file

operator attempted to notify someone to
witness cement casing, but couldn't
Send someone.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐2. NAME OF OPERATOR
CONSOLIDATED OIL & GAS, INC.3. ADDRESS OF OPERATOR
P.O. Box 2038, Farmington, New Mexico 874014. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2140' FSL & 660' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☒
☐
☐
☐
☐
☐
☐
☐5. LEASE
SL-071403-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

BLUFF

9. WELL NO.

13-4

10. FIELD OR WILDCAT NAME
Desert Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 4, T40S, R23E

12. COUNTY OR PARISH 13. STATE
San Juan Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4599' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-14-82 Spud 12 1/4" Surface at 11:00 p.m.

8-15-82 Drilled 12 1/4" hole to 1502'. Ran 35 jts 1474.67 8 5/8" 24# casing set at 1489.67. Cmtd w/455 sx 50-50 poz & 6% gel. Tailed in w/200 sx Neat w/2% CaCl. Did not circ cmt. Ran 1" pipe to 104' & cmtd w/ 150 sx w/2% CaCl. Circ 10 bbls to surface. test 1000 psi for 30 min.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Anderson TITLE PROD & DRLG SUPT. DATE 8-19-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
SEP 21 1982
DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐2. NAME OF OPERATOR
CONSOLIDATED OIL & GAS, INC.3. ADDRESS OF OPERATOR
P.O. BOX 2038, FARMINGTON, NEW MEXICO 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 2140' FSL & 660' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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☐

5. LEASE

SL 071402-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

BLUFF

9. WELL NO.

13-4

10. FIELD OR WILDCAT NAME

DESERT CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 4, T40S, R23E

12. COUNTY OR PARISH 13. STATE

SAN JUAN

UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4599' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-25-82 DST #1 Desert Creek Formation 5407' to 5496'
Recovered 360' gas cut drilling mud.

8-26-82 Schlumberger ran IES, FDC-CNL, sonic loggers T.D. 5551'.

8-27-82 Ran 5 1/2" 15.5# K-55 casing Cmt'd @5549' 100% 50 50 noz
2% gel. Plug Dn 3:30 a.m. 8-27-82.RECEIVED
SEP 21 1982

Subsurface Safety Valve: Manu. and Type

DIVISION OF
OIL, GAS & MINING

Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE DRLG & PROD SUP'T DATE August 30, 1982

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
CONSOLIDATED OIL & GAS, INC.
3. ADDRESS OF OPERATOR
P.O. Box 2038, Farmington, New Mexico 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **2140' FSL & 660' FWL**
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9-4-82 Perf Aka 5522' - 28' .40 dia holes, 1 spf
Acidize Aka w/500 gal 28% HCL NE-FE & 10 NCRB's
4100 psi @ 2.5 bpm.

9-7-82 Swb test well. Rec 48 bbl total fluid.
Set CIBP @ 5520' Pr test 2500 psi 15 min. OK.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED Bruce Jones TITLE Drilling Foreman DATE September 16, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE SL 071403-A	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME BLUFF	
9. WELL NO. 13-4	
10. FIELD OR WILDCAT NAME DESERT CREEK	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEE. 4, T40S, R23E	
12. COUNTY OR PARISH SAN JUAN	13. STATE UTAH
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 4599 GR	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
SEP 21 1982
DIVISION OF
OIL, GAS & MINING
Set @

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
CONSOLIDATED OIL & GAS, INC.
3. ADDRESS OF OPERATOR
P.O. BOX 2038, FARMINGTON, NEW MEXICO 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **2140' FSL & 660' FWL**
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

- ☐
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5. LEASE
SL 071403-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
-
- BLUFF**

9. WELL NO.

13-4

10. FIELD OR WILDCAT NAME
-
- DESERT CREEK**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 4, T40S, R23E

12. COUNTY OR PARISH 13. STATE

SAN JUAN**UTAH**

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
-
- 4599 GR**

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9-7-82 Perforate Desert Creek 5476' - 5452' .40 dia holes 1 spf

9-8-82 Spot 200 gal 7½% acid. Acidize w/1000 gal 28% NE-FE & DO PERFORATE
Swb test well Rec 89 bbl from acid job & 10 bbl oil9-10-82 Acidize w/6000 gal 28% NE-FE & 96,000 SCF N₂
Avg rate 5 bpm Avg pr 4200 psi9-11-82 Ran 176 jts 2-7/8" prod string set @ 5512' & 5456' 3/4 rods
Pump set @ 5474

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Benny Jones TITLE Drilling Foreman DATE September 16, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____
b. TYPE OF COMPLETION:					
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____					
2. NAME OF OPERATOR Consolidated Oil & Gas, Inc.					
3. ADDRESS OF OPERATOR P.O. Box 2038, Farmington, N.M. 87401					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2140' FSL & 660' FWL At top prod. interval reported below As above At total depth _____					
14. PERMIT NO. _____ DATE ISSUED 7-29-82					
5. LEASE DESIGNATION AND SERIAL NO. SL 071403 A					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME					
8. FARM OR LEASE NAME Bluff					
9. WELL NO. 13-4					
10. FIELD AND POOL, OR WILDCAT Desert Creek					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 4, T40S, R23E					
12. COUNTY OR PARISH San Juan			13. STATE Utah		
15. DATE SPUDDED 8-14-82			16. DATE T.D. REACHED 8-26-82		
17. DATE COMPL. (Ready to prod.) 9-14-82			18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4611' RKB		
19. ELEV. CASINGHEAD 4599'			20. TOTAL DEPTH, MD & TVD 5550'		
21. PLUG, BACK T.D., MD & TVD 5520'			22. IF MULTIPLE COMPL., HOW MANY*		
23. INTERVALS DRILLED BY All			24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Desert Creek 5452'-5476'		
25. WAS DIRECTIONAL SURVEY MADE Yes			26. TYPE ELECTRIC AND OTHER LOGS RUN IES-FDC-CNL-GR-SP-Sonic		
27. WAS WELL CORED No			28. CASING RECORD (Report all strings set in well)		
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8-5/8"		24#	1490'	12-1/4"	655 sx
5-1/2"		15.5#	5549'	7-7/8"	100 sx 50-50poz
29. LINER RECORD		30. TUBING RECORD		AMOUNT PULLED	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
					2-7/8"
31. PERFORATION RECORD (Interval, size and number) 5452' to 5476' w/ 1 SPF, 25 perfs .40" diameter				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	
				5452'-5476'	
				AMOUNT AND KIND OF MATERIAL USED	
				7000 gal 28% HCl	
33.* PRODUCTION					
DATE FIRST PRODUCTION 9-22-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 9-23-82	HOURS TESTED 24	GROSS SIZE Pumping	PROD'N. FOR TEST PERIOD 47	OIL—BBL. 103	GAS—MCF. 7
FLOW. TUBING PRESS. 30	CASING PRESSURE 30	CALCULATED 24-HOUR RATE 47	OIL—BBL. 103	GAS—MCF. 7	WATER—BBL. 39.3
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					TEST WITNESSED BY Ed Carlson
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED _____		TITLE Prod. & Drlg. Sup't.		DATE 9-23-82	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

should be listed on this form, see item 35.

4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

each additional unit of the separately produced, stamped and numbered "Sacks Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	NAME	MEAS. DEPTH
			TRUE VERT. DEPTH
		Chinle	1460'
		Shinarump	2275'
		Moenkopi	2420'
		Cutler	2477'
		Hermosa GP	4402'
		U. Ismay	5185'
		L. Ismay	5284'
		Gothic Sh.	5338'
		Desert Creek	5366'
		Chimney Rk. Sh.	5480'
		Akah	5507'



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

December 11, 1982

Consolidated Oil & Gas, Inc.
P. O. Box 2038
Farmington, New Mexico 87401

Re: Well No. Bluff #13-4
Sec. 4, T. 40S, R. 23E.
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office September 23, 1982, from above referred to well, indicates the following electric logs were run: IES-FDC-CNL-GR-SP-Sonic. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

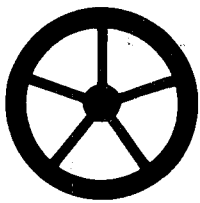
Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

CF/cf



Consolidated Oil & Gas, Inc.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80295
(303) 861-5252

December 22, 1982

Oil & Gas Mining Division of Utah
1588 West, North Temple
Salt Lake City, Utah 84116

POW

Gentlemen:

Enclosed please find the complete set of logs run on the Bluff 13-4 in Section 4, T40S, R23E, San Juan County, Utah.

If we can be of further assistance to you, please advise.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

Brenda Waters

Brenda Waters
Operations Secretary

BW

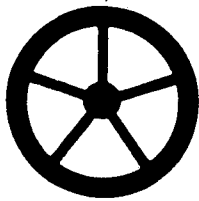
Enclosure

RECEIVED

FEB - 3 1986

DIVISION OF OIL
GAS & MININGCONSOLIDATED OIL & GAS, INC. - SAN JUAN COUNTY, UTAH WELLS

<u>WELL NAME</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>LEASE NO.</u>
AKAH 1	NE/4 33-42S-22E	SJ	14-20-603-236
BLUFF 3	NW/NW/4 4-40S-23E	SJ	SL 071403A
BLUFF 13-4	"	SJ	"
BLUFF 24-5	"	SJ	"
BLUFF 42-5	"	SJ	"
BLUFF 44-5	"	SJ	"
DESERT CREEK 2	SE/4 35-41S-23E	SJ	14-20-603-248
RECAPTURE CREEK 1	SE/SW/4 21-40S-23E	SJ	U 01890
RECAPTURE CREEK 2	SW/4 21-40S-23E	SJ	"
RECAPTURE CREEK 3	SE/4 21-40S-23E	SJ	"
TOHONADLA 1	SE/4 35-41S-21E	SJ	14-20-603-229
TOHONADLA 23-35	SW/4 35-41S-21E	SJ	"
TOHONADLA 32-35	NE/4 35-41S-21E	SJ	"
TOHONADLA 36-1	SW/4 36-41S-21E	SJ	"
TOHONADLA 41-25	NE/4 25-41S-21E	SJ	"
TOHONADLA 41-35	NE/4 35 41S-21E	SJ	"
TOHONADLA 43-35	SE/4 35-41S-21E	SJ	"
TOHONADLA TRACT 23-1	NE/4 02-42S-21E	SJ	14-20-603-270



RECEIVED

FEB - 3 1986

DIVISION OF OIL
GAS & MINING

Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

January 29, 1986

State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah

RE: Name Change of Principal
from Consolidated Oil & Gas, Inc.
to Columbus Energy Corporation

Gentlemen:

Consolidated Oil & Gas, Inc. requests a name change of principal to Columbus Energy Corporation. This name change will include all Federal, Indian, State and Fee wells operated by Consolidated Oil & Gas, Inc. in Utah. The attached list contains well names, lease numbers and locations for all Federal and Indian leases operated in Utah.

Well signs have been changed to Columbus Energy Corp. and the required oil & gas bonds have been filed.

Please contact our Farmington office if you need any additional information.

Thank you,

Dale Richardson
Dale Richardson

Production & Drilling Sup't.

Attach.

NOTICE OF TRANSFER OF OWNERSHIP

Present operator: CONSOLIDATED OIL & GAS, INC. Telephone: (505)632-8056

Address: P.O. BOX 2038

City: FARMINGTON State: N.M. Zip: 87499

Well no.: 13-4 Field or Unit name: BLUFF

Sec.: 4 Twp.: 40S Rng.: 23E County: SAN JUAN Lease no. SL 071403A

Effective date of transfer: December 1, 1985


Signature of present operator

April 7, 1986

Date

New operator: COLUMBUS ENERGY CORPORATION

Address: P.O. BOX 2038

City: FARMINGTON State: N.M. Zip: 87499


Signature of new operator

April 7, 1986

Date

(This space for DOGM approval)

Approved by: _____ Title: _____ Date: _____



Columbus Energy Corp.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80295
(303) 861-5252

RECEIVED
AUG 13 1990
DIVISION OF
OIL, GAS & MINING

August 9, 1990

State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Bluff #13-4 43-037-30726 ^{POW} Sec 4, 40S, 23E
Bluff #42-5 43-037-30866 ^{Sec} 5, 40S, 23E

Re: Bluff Unit
Hermosa (Penn) Participating
Area

Gentlemen:

Attached for your file and information is a copy of our application to the Bureau of Land Management to place the Bluff 13-4 and Bluff 42-5 in the Hermosa (Penn) Participating Area. The two wells are within the boundary of the established participating area but have never been officially brought into the participating area.

As mentioned in our application, Columbus has treated both wells as if they were in participating area from the date of first production.

Should you have any questions, please let us know.

Yours very truly,

COLUMBUS ENERGY CORP.

J. D. Stewart, Jr.
J. D. Stewart, Jr.
Operations Manager

JDS:bl

Enclosures

cc: P. Meyer
J. Sundine
L. Berglund

OIL AND GAS		
DFN	2	RJA
4 JPB	3	GLH
DIS	5	SLS
1-TAS		
6-SBH		
7-LCR		
MICROFILM		
8		FILE



Columbus Energy Corp.

LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80295
(303) 861-5252

August 9, 1990

Bureau of Land Management
324 S. State, Suite 301
Salt Lake City, UT 84111

Re: Application to Include
Bluff 13-4 and Bluff 42-5 Wells
Hermosa (Penn) Participating Area
Bluff Unit
San Juan County, Utah

Gentlemen:

Columbus Energy Corp. is making application to include the Bluff 13-4 well and the Bluff 42-5 well in the established Hermosa (Penn) Participating Area. The Bluff 13-4, located in the NW/4 SW/4 of Section 4, T40S, R23E, was completed September 14, 1982. The initial potential for the well was 47 BOPD with a GOR of 2191. The Bluff 42-5, located in the SE/4 NE/4 of Section 5, T40S, R23E, was completed September 8, 1983. The initial potential for this second well was 110 BOPD with a GOR of 1136.

Both wells are physically located within the Hermosa (Penn) Participating Area as is shown in Figure No. 1, "Bluff Unit, San Juan County, Utah." Since the date of first production, both wells have been treated with respect to royalty and production taxes as being included in the participating area. Columbus has inadvertently overlooked making application to the BLM to have these wells officially included in the Hermosa (Penn) Participating Area and is now making the application to be effective from the date of first production for each well. As previously indicated, production taxes and royalties to date have been distributed as if each well had been a Participating Area well.

Each well can be considered as a well capable of producing in paying quantities. Also, log and pressure data show that each well is producing from the same formation as other wells already included in the participating area. To avoid confusion, the data for each well will be presented separately.

The production curve for Bluff 13-4 is shown in Figure No. 2. As of May 31, 1990, this well has produced 28,142 BO and 211,300 mcf gas, resulting in approximate revenue of \$1,093,312 (\$652,204 from oil sales and \$441,108 from gas and NGL sales) after taxes and transportation charges. After deducting for royalties, \$927,129 has been generated to provide for paying both the initial cost of the well (\$392,532) and the monthly operating costs. The well continues to be profitable, producing 8 BOPD and 53 mcfd. Operating expenses

Bureau of Land Management
Bluff 13-4 and Bluff 42-5
August 9, 1990
Page 2

are \$1200/month and expense to income ratio is 0.29. From all indications, the well is capable of producing in pay quantities.

In support of our application for Bluff 13-4 attached is Figure No. 3, a copy of the bottom hole pressure measurement results from measurements taken on September 13, 1982. The pressure, 883 psi, was taken after the well had been shut in for 66½ hours. The pressure was representative of the Desert Creek formation pressure at the well since very little oil had been produced up to the time of the test. The well had only been perforated, acidized and swabbed to remove the acid prior to the test. As a comparison, initial reservoir pressure in the Desert Creek obtained from a DST on the Bluff #3 well in 1956 was 2260 psi at 5642'. The Bluff #3 was the initial well in the participating area. The BHP taken from the Bluff 44-5, a second well in the participating area, was 1536 psi at 5512' on July 12, 1959. Additional depletion of reservoir pressure occurred as these two wells along with the third well in the participating area, the Bluff 24-5, continued to produce. The cumulative production from the three wells at the time the Bluff 13-4 was completed was 572,964 BO and 663,192 mcf. From the pressure data then, it appears the Bluff 13-4 is in communication with the other wells in the Hermosa (Penn) Participating Area.

Finally, in support of our application for inclusion of the Bluff 13-4 in the participating area, copies of a portion of the porosity logs for the Bluff 13-4, Bluff #3 and the Bluff 44-5 are attached as Figure Nos. 4, 5, and 6. On each log the following tops are indicated: Gothic Shale, Desert Creek, 'C' Shale below the Desert Creek and Akah. The perforated intervals are also shown for the Bluff 13-4 and Bluff 3 wells. The Bluff 44-5 was completed open hole. From the Figures it can be seen that the producing interval in the lower portion of the Desert Creek is the same producing interval in the two other wells that are within the participating area. On this basis, the Bluff 13-4 should be included in the participating area. Columbus does not recommend expanding the participating area at this time, since the production history of the well does not support an enlargement.

The production curve for Bluff 42-5 is shown in Figure No. 7. As of May 31, 1990, this well has produced 11,652 BO and 28,276 mcf resulting in approximate revenue of \$263,322 (\$177,305 from oil sales and \$86,016 from gas and NGL sales) after taxes and transportation charges. After deducting for royalties, \$223,297 has been generated to provide for paying the cost of the well and for operating cost. The initial cost of the well was \$302,492 and the well has not yet paid out. However, the well is currently producing 4.5 BOPD and 6 mcfd and the operating costs are less than \$1000/month. With current net income of about \$2100/month the well continues to produce in paying quantities and, as such, should be officially included in the participating area.

Bureau of Land Managment
Bluff 13-4 and Bluff 42-5
August 9, 1990
Page 3

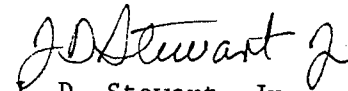
Pressure data for the Bluff 42-5 is also available. As shown on Figure No. 8, the BHP taken on September 12, 1983, was 692 psi at 5650'. Again, this is well below the original pressure of 2260 psi initially taken from the Bluff #3 well. Also, this pressure was taken one year after the pressure from the Bluff 13-4 well presented previously. As with the Bluff 13-4, the pressure taken from the Bluff 42-5 should be representative of the Desert Creek reservoir pressure in the area since only a minimal amount of production occurred from the well prior to running the pressure test. Cumulative production from the three Bluff Unit wells at the time of the pressure test was 579,653 BO and 682,076 mcf and cumulative production from the Bluff 13-4 at the same time was 8,497 BO and 42,311 mcf. It is clear that the pressure exhibited in the Bluff 42-5 resulted from depletion of reservoir pressure by producing the other wells within the participating area.

To further substantiate communication of the Desert Creek formation in the Bluff 42-5 well with the other wells in the participating are, attached is Figure No. 9, a porosity log from the well. Note that the same markers are indicated on the log and that the producing interval is the same lower Desert Creek marked on the logs previously described. On this basis the Bluff 42-5 well should be included in the Hermosa (Penn) Participating Area as well. As with the Bluff 13-4, expansion of the participating area beyond the Bluff 42-5 is not warranted based on the available production data.

From the evidence shown, both the Bluff 13-4 and Bluff 42-5 should be included in the Hermosa (Penn) Participating Area. If you have any questions in this regard or if you need further information, please advise.

Yours very truly,

COLUMBUS ENERGY CORP.


J. D. Stewart, Jr.
Operations Manager

JDS:bl

Enclosures

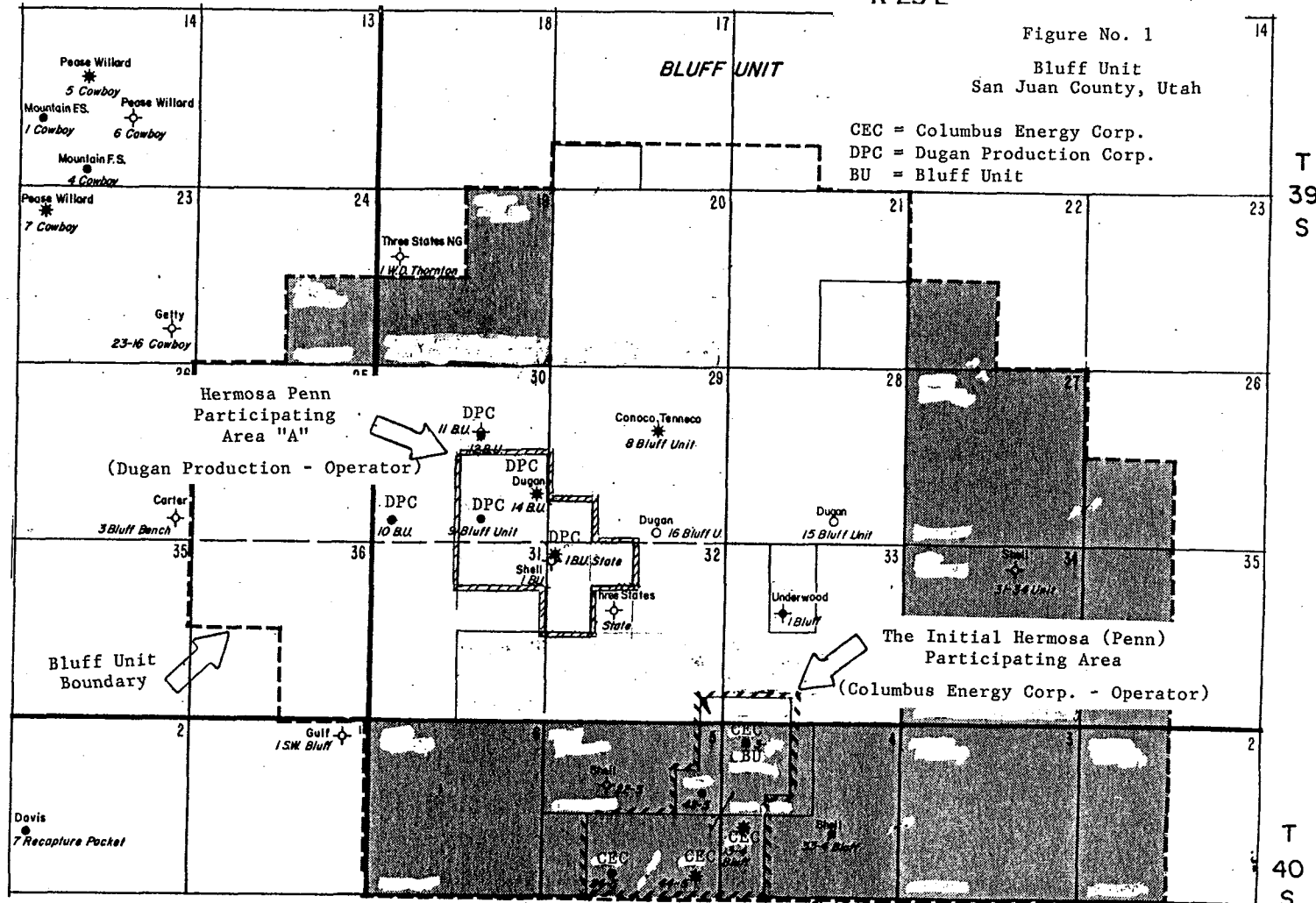
cc: State of Utah
Division of Oil, Gas & Mining
P. Meyer
J. Sundine
L. Berglund

R 22 E

R 23 E

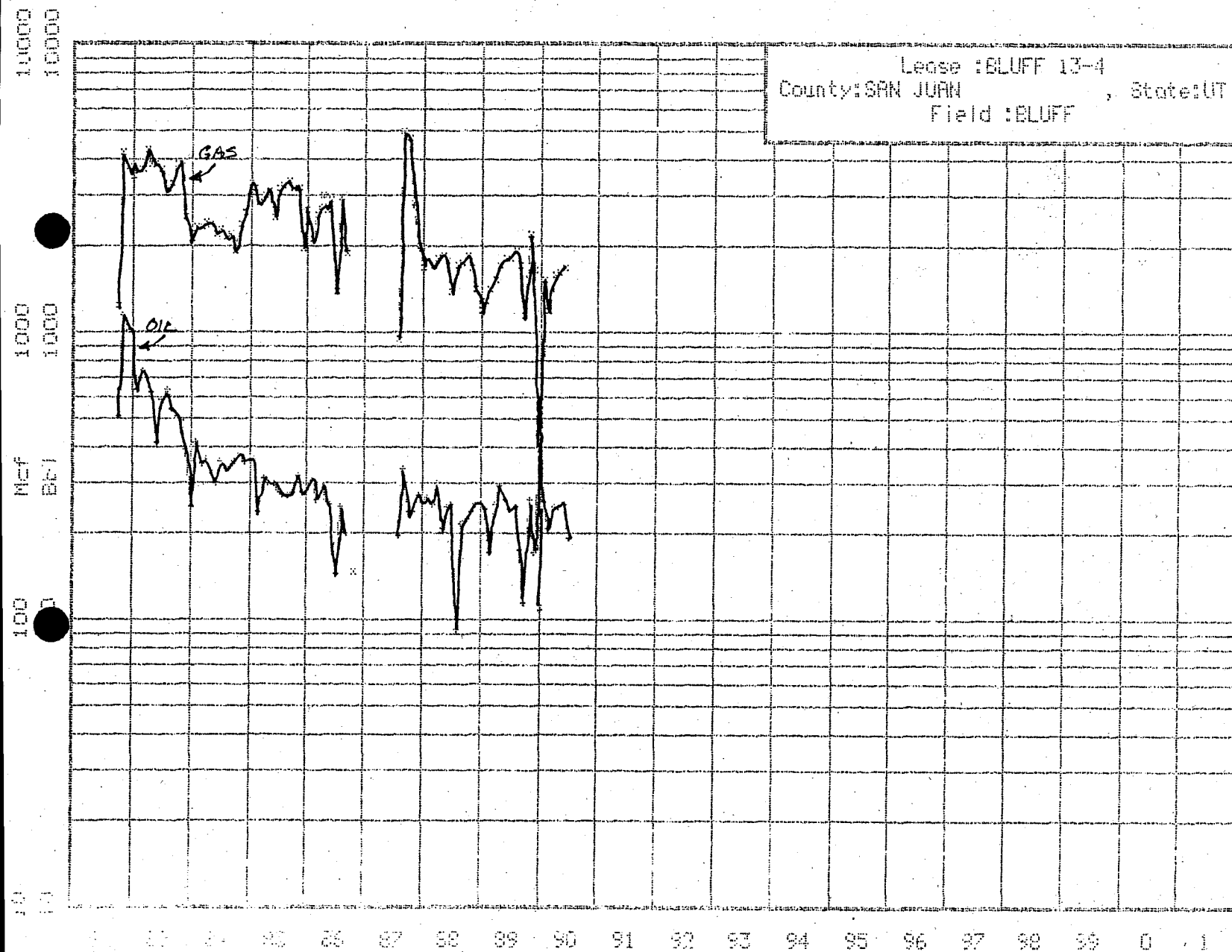
Figure No. 1
Bluff Unit
San Juan County, Utah

CEC = Columbus Energy Corp.
DPC = Dugan Production Corp.
BU = Bluff Unit



BLUFF UNIT
SAN JUAN COUNTY, UTAH

FIGURE NO. 2





EFTELLER, INC.

reservoir engineering data

MIDLAND, TEXAS

 Page 3 of 3
 File 2-13900-BU

 Company CONSOLIDATED OIL & GAS, INC. Lease BLUFF Well No. 42-5
 Field BLUFF County SAN JUAN State UTAH
 Formation DESERT CREEK Test Date SEPTEMBER 12, 1983

Status of Well Shut-in 89½ hours

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	208	
2000	219	0.006
4000	231	0.006
5250	502	0.217
5450	597	0.475
5650	692	0.475

Datum Pressure Psig

WATER
LEVEL
4689'

Elev. 4737' GL	Datum	Ft.
Total Depth 5692	Perf. 5608-5629	Ft.
Tubing 2 7/8	in. to 5548	Ft.
Casing	in. to	Ft.
Casing Press. 580	Tubing Press. 208	
Oil Level NONE	Water Level 4689	
Temperature 138 °F @ 5650		Ft.
Element No. 44537	Range 0-3000	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

0 1000 2000 3000 4000 5000 6000 7000

DEPTH: FEET

PRESSURE POUNDS PER SQUARE INCH GAUGE

FIGURE NO. 7

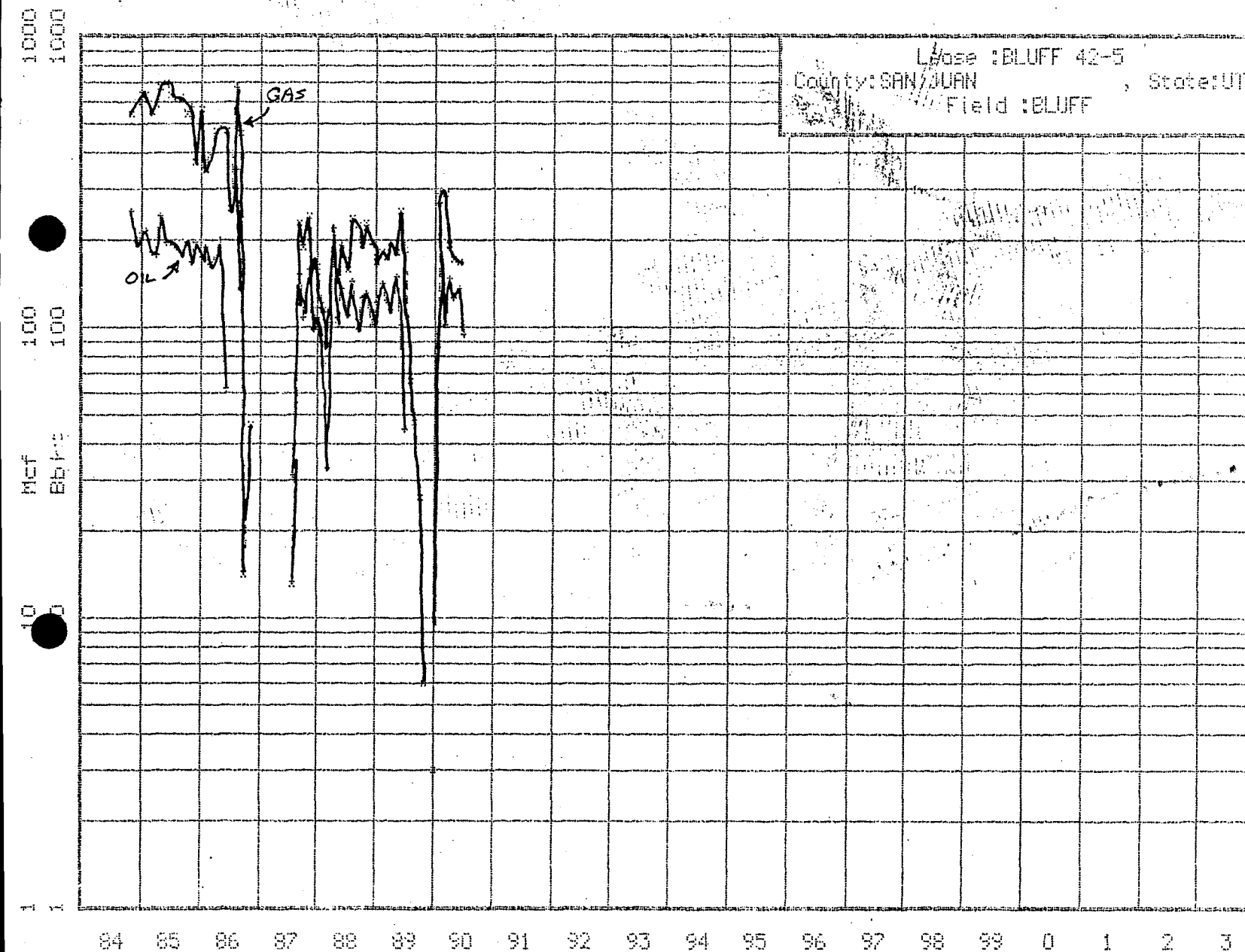
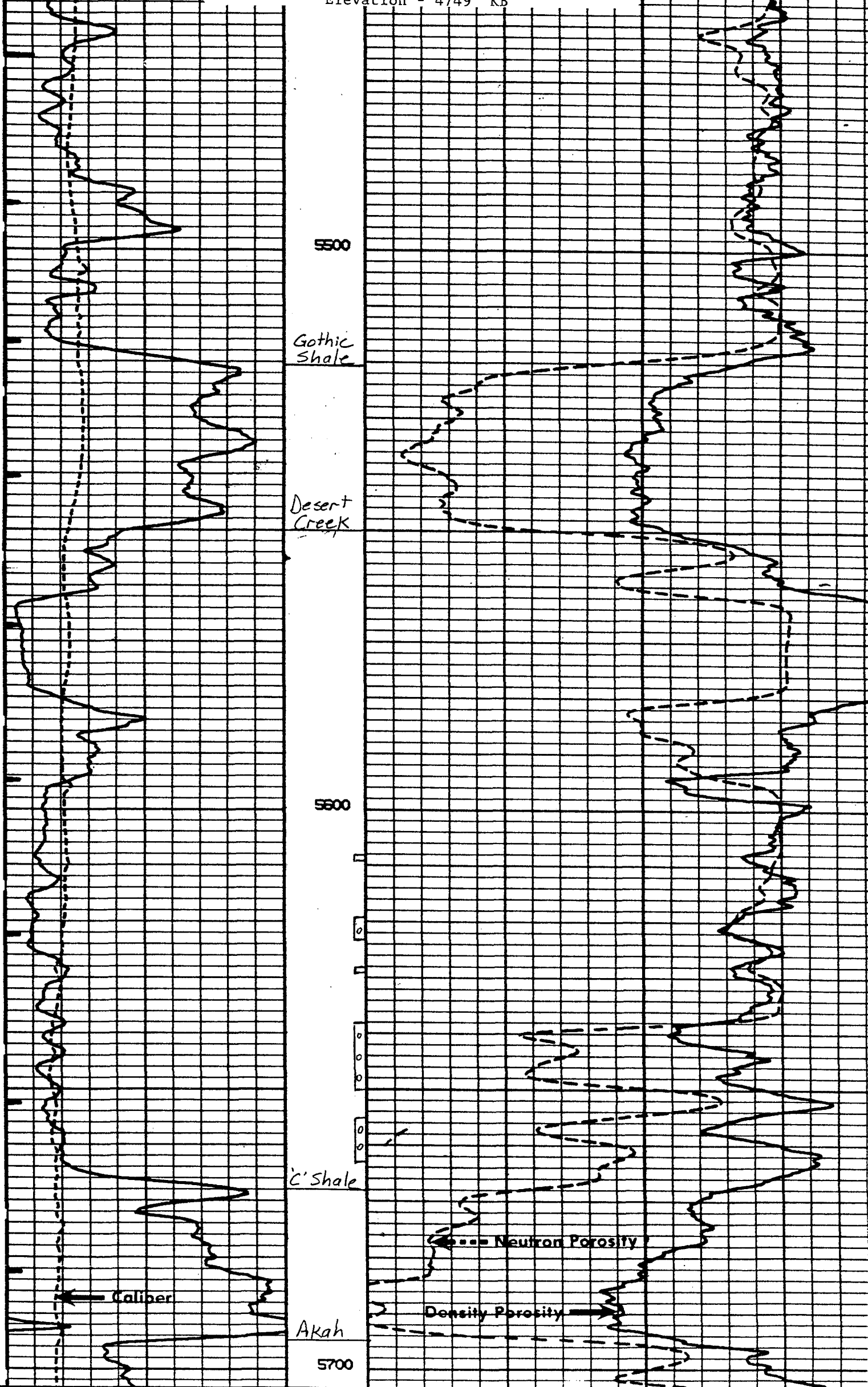
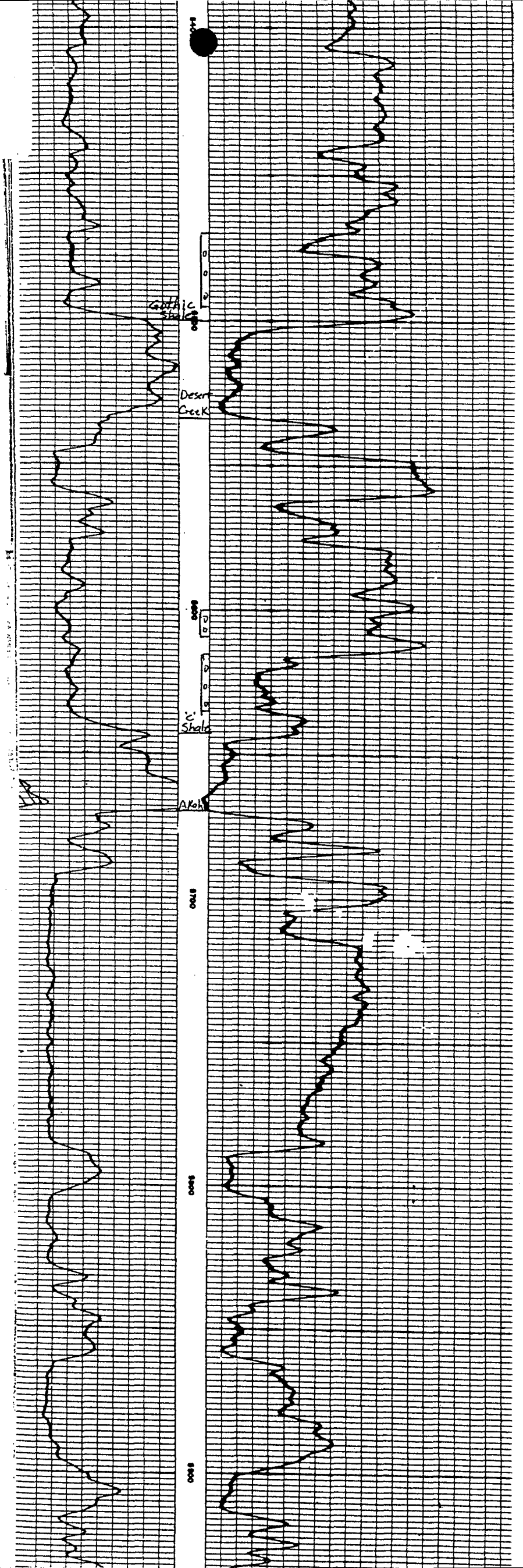
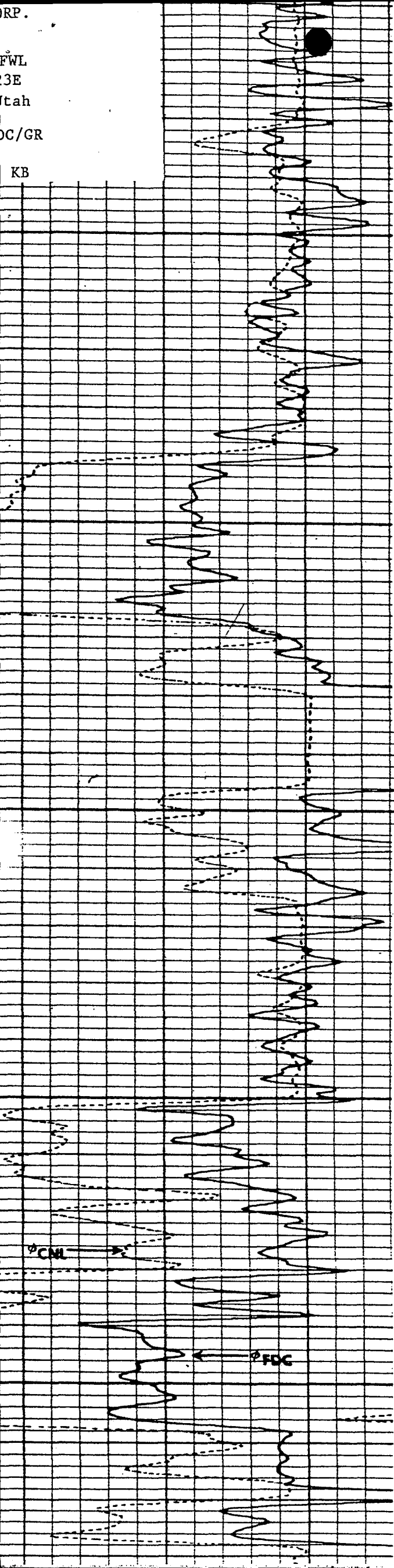


FIGURE NO. 9
COLUMBUS ENERGY CORP.

Bluff 42-5
2140' FNL & 600' FEL
Section 5-T40S-R23E
San Juan County, Utah
Welex CDL/CNL/GR 8/21/83
Elevation - 4749' KB



RP.
FWL
3E
tah
OC/GR
KB



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

3. LEASE DESIGNATION & SERIAL NO.

*

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.)

Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		2. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Columbus Energy Corp.		3. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 1860 Lincoln Street, Suite 1100, Denver, CO 80295		4. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT	
*See attached exhibit		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.)	
		12. COUNTY San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>

(Other) _____

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

To resign as operator

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION _____

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9/21/90

* Must be accompanied by a cement verification report.

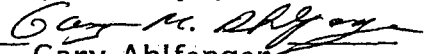
Gentlemen:

Effective 12:01 A.M. October 1, 1990, Columbus Energy Corp. will resign as operator of the wells listed on the attached Exhibit. Sterling Energy Corporation, the record title owner, will become the successor operator.

OIL AND GAS	
DN	RJF
JB	GIH
JS	SLS
MICROFILM	
FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED


 Gary M. Ahlfenger

TITLE Land Manager

DATE 9/21/90

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MININGRECEIVED
SEP 24 1990

1. DESTINATION & SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Sterling Energy Corporation		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 1801 Broadway, Suite 600, Denver, CO 80202		9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY San Juan
			13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

Change of Operator

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

New Operator

APPROX. DATE WORK WILL START

DATE OF COMPLETION

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9/21/90

* Must be accompanied by a cement verification report.

Gentlemen:

Effective October 1, 1990, Sterling Energy Corporation will become operator of the wells listed on the attached schedule. Columbus Energy Corp. is the current operator of record. Sterling has been record title owner since August of 1989.

OIL AND GAS	
DFN	RJF
JFB	GLH
DIS	SLS
MICROFILM	
FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED

Jerry D. Smothermon

TITLE

Engineer

DATE

9/21/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

Exhibit to Sundry Notice
State of Utah
Sterling Energy Corporation
(owner of record)

RECEIVED

SEP 24 1990

Well Name	1/4/14	Sec.	Twn.	Rge.	Field	County	State
=====	=====	=====	=====	=====	=====	=====	=====

DIVISION OF
OIL AND GAS

Bluff(Unit) #3	NWNW	4	40S	23E	Bluff 43-037-15864	San Juan	Utah
Bluff(Unit) #24-5	SESW	5	40S	23E	Bluff 42-037-15865	San Juan	Utah
Bluff(Unit) #44-5	SESE	5	40S	23E	Bluff 43-037-15867	San Juan	Utah
Bluff #42-5	SENE	5	40S	23E	Bluff 43-037-30866	San Juan	Utah
Bluff #13-4	NWSW	4	40S	23E	Bluff 43-037-30726	San Juan	Utah

Desert Creek # 2	SESE	35	41S	23E	Desert Ck.	San Juan	Utah
------------------	------	----	-----	-----	------------	----------	------

Recapture Creek # 1	SESW	21	40S	23E	Recapture Ck.	San Juan	Utah
Recapture Creek # 2	NWSW	21	40S	23E	Recapture Ck.	San Juan	Utah
Recapture Creek # 3	NWSE	21	40S	23E	Recapture Ck.	San Juan	Utah

Tohonadla # 1	SWSE	35	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 41-25	NENE	25	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 23-35	NESW	35	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 36-1	SWSW	36	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 41-35	NENE	35	41S	21E	Tohonadla	San Juan	Utah
Navajo Tr. #23-1	NENE	2	42S	21E	Tohonadla	San Juan	Utah

Desert Creek #2 — 43-037-15868

Recapture Creek #1 — 43-037-15871

Recapture Creek #2 — 43-037-20727

Recapture Creek #3 — 42-037-30926

Tohonadla #1 — 42-037-15872

Tohonadla #41-25 — 43-037-15876

Tohonadla #23-35 — 43-037-15874

Tohonadla #36-1 — 43-037-20854

Tohonadla #41-35 — 43-037-15877

Navajo Tr. #23-1 — 43-037-15540

RECEIVED
SEP 24 1990

DESIGNATION OF AGENT OR OPERATOR - FORM 5

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: See attached exhibit

LEASE NUMBER: See attached exhibit

and hereby designates

NAME: Trinity Petroleum Management, Inc.

ADDRESS: 1801 Broadway, Suite 600, Denver, CO 80202

as his agent/operator, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to (describe acreage to which this designation is applicable):

See attached exhibit

* 901205 per "Sub-Operating Agreement" for the bluff unit, Sterling Energy has to do the reporting for these wells, and cannot designate Trinity Petro. as Agent to report for them. Jde

OIL AND GAS	
DFN	RJF
JFB	GLH
DJS	SLS
Jef	
1-CCR	
MICROFILM	
FILE	

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees promptly to notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation 10/1/90

By: J. Samuel Butler

Company Sterling Energy Corporation
Address 1801 Broadway, Suite 600
Denver, CO 80202

Title: President (signature) J. Samuel Butler

Phone: 303-296-1908

Exhibit to Sundry Notice
State of Utah
Sterling Energy Corporation
(owner of record)

RECEIVED

SEP 24 1990

Well Name	1/4/14	Sec.	Twn.	Rge.	Field	County	State
=====	=====	=====	=====	=====	=====	=====	=====
Bluff(Unit) # 3	NWNW	4	40S	23E	Bluff 43-037-15864	San Juan	Utah
Bluff(Unit) # 24-5	SESW	5	40S	23E	Bluff 42-037-15865	San Juan	Utah
Bluff(Unit) # 44-5	SESE	5	40S	23E	Bluff 43-037-15867	San Juan	Utah
Bluff # 42-5	SENE	5	40S	23E	Bluff 43-037-30866	San Juan	Utah
Bluff # 13-4	NWSW	4	40S	23E	Bluff 43-037-30726	San Juan	Utah
Desert Creek # 2	SESE	35	41S	23E	Desert Ck.	San Juan	Utah
Recapture Creek # 1	SESW	21	40S	23E	Recapture Ck.	San Juan	Utah
Recapture Creek # 2	NWSW	21	40S	23E	Recapture Ck.	San Juan	Utah
Recapture Creek # 3	NWSE	21	40S	23E	Recapture Ck.	San Juan	Utah
Tohonadla # 1	SWSE	35	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 41-25	NENE	25	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 23-35	NESW	35	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 36-1	SWSW	36	41S	21E	Tohonadla	San Juan	Utah
Tohonadla # 41-35	NENE	35	41S	21E	Tohonadla	San Juan	Utah
Navajo Tr. #23-1	NENE	2	42S	21E	Tohonadla	San Juan	Utah

Desert Creek #2 — 43-037-15868

Recapture Creek #1 — 43-037-15871

Recapture Creek #2 — 43-037-20727

Recapture Creek #3 — 42-037-30926

Tohonadla #1 — 43-037-15872

Tohonadla #41-25 — 43-037-15876

Tohonadla #23-35 — 43-037-15874

Tohonadla #36-1 — 43-037-30854

Tohonadla #41-35 — 43-037-15877

Navajo Tr. #23-1 — 43-037-15540

November 26, 1990

Sterling Energy Corp
1801 Broadway, Suite 600
Denver, Colorado 80202

Re: ~~Sub-Operating Agreement, Bluff Unit,~~
Hermosa PA, San Juan County, Utah
8920007820

~~-----~~
~~-----~~
~~-----~~
~~-----~~
Gentlemen:

We have received a copy of "Sub-Operating Agreement" executed by Dugan Production Corporation, unit operator of the Bluff Unit Agreement, San Juan County, Utah, and by Sterling Energy Corp., dated October 1, 1990. ~~The agreement makes Sterling Energy Corp. the sub-operator as to the Desert Creek Formation for the lands described therein.~~

Inasmuch as it appears that operations conducted under the terms of this sub-operating agreement will be conducted subject to the terms of the Bluff Unit and unit operating agreements, the sub-operating agreement is accepted for the record and is being distributed to the appropriate Federal offices. However, it is expressly understood and agreed that nothing in the sub-operating agreement shall be construed or shall operate to relieve Dugan Production as unit operator from it's obligations and responsibilities under the Bluff Unit Agreement. To the extent that the "Sub-Operating Agreement" is inconsistent with terms and conditions of the Bluff Unit Agreement, such terms and conditions of said unit agreement shall prevail.

The sub-operating agreement shall remain in affect so long as the sub-operating zone remains part of the unit area or it is terminated in accordance with Section 9 of the said agreement. In such case, it is expressly understood that the agreement is effective until notification of its termination is received by this office.

Pursuant to regulations issued and effective June 17, 1988, all operations within the "sub-operating zone" will be covered by your nationwide oil and gas bond No. 000944.

Sincerely,

(Orig. Sgd.) R. A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Dugan Production Corp. w/enclosure

bcc: ~~Mr. Noah w/enclosure~~
Bluff Unit File w/enclosure
Agr. Sec. Chron.
Fluid Chron

MCoulthard:jw:11/23/90
0128V

cc: SJRH
AKS

hmc 12/1/90

ENTITY ACTION FORM - FORM 6

OPERATOR STERLING ENERGY CORPORATION

OPERATOR ACCT. NO. N 5945

ADDRESS 1801 BROADWAY, SUITE 600

DENVER, CO 80202

(303)296-1908

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	6245	11146	43-037-30866	BLUFF #42-5	SENE	5	40S	23E	SAN JUAN	8-11-83	10-1-90
WELL 1 COMMENTS: **OPERATOR CHANGE FROM COLUMBUS ENERGY CORP. **BLUFF UNIT/HRMS PA (PER UIC/DAN DSCR IS A MEMBER OF THE PRDX PZ, AND THE PRDX PZ IS A MEMBER OF THE HERMOSA GROUP)											
D	6250	11146	43-037-15864	BLUFF #3	NWNW	4	40S	23E	SAN JUAN	5-17-56	10-1-90
WELL 2 COMMENTS:											
D	6250	11146	43-037-15865	BLUFF #24-5	SESW	5	40S	23E	SAN JUAN	12-27-57	10-1-90
WELL 3 COMMENTS:											
D	6250	11146	43-037-15867	BLUFF #44-5	SESE	5	40S	23E	SAN JUAN	5-30-59	10-1-90
WELL 4 COMMENTS:											
D	6250	11146	43-037-30726	BLUFF #13-4	NWSW	4	40S	23E	SAN JUAN	8-14-82	10-1-90
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. ROMERO (DOGM)

Signature

ADMIN. ANALYST

12-17-90

Title

Date

Phone No. ()

Division of Oil, Gas and Mining
OPERATOR-CHANGE WORKSHEET

Routing:

1- DCH	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LQR	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-90)

TO (new operator)	<u>STERLING ENERGY CORPORATION</u>	FROM (former operator)	<u>COLUMBUS ENERGY CORP.</u>
(address)	<u>1801 BROADWAY, SUITE 600</u>	(address)	<u>1860 LINCOLN ST., #1100</u>
	<u>DENVER, CO 80202</u>		<u>DENVER, CO 80295</u>
	<u>phone (303) 296-1908</u>		<u>phone (303) 861-5252</u>
	<u>account no. N 5945</u>		<u>account no. N0255</u>

Well(s) (attach additional page if needed):

Name: <u>BLUFF #42-5/DSCR</u>	API: <u>4303730866</u>	Entity: <u>6245</u>	Sec <u>5</u> Twp <u>40S</u> Rng <u>23E</u>	Lease Type: <u>U0714003</u>
Name: <u>BLUFF #3/DSCR</u>	API: <u>4303715864</u>	Entity: <u>6250</u>	Sec <u>4</u> Twp <u>40S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: <u>BLUFF #24-5/PRDX</u>	API: <u>4303715865</u>	Entity: <u>6250</u>	Sec <u>5</u> Twp <u>40S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: <u>BLUFF #44-5/PRDX</u>	API: <u>4303715867</u>	Entity: <u>6250</u>	Sec <u>5</u> Twp <u>40S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: <u>BLUFF #13-4/DSCR</u>	API: <u>4303730726</u>	Entity: <u>6250</u>	Sec <u>4</u> Twp <u>40S</u> Rng <u>23E</u>	Lease Type: <u>"</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) no yes If yes, show company file number: # 141334. (10-1-90)
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (12-17-90)
- 6 6. Cardex file has been updated for each well listed above.
- 7 7. Well file labels have been updated for each well listed above.
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) yes (If entity assignments were changed, attach copies of Form G, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILED

1. All attachments to this form have been microfilmed. Date: December 19 1990.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

901205 Btm/moab Approved eff. 10-1-90. "See Sub-Operating Agreement - Bluff Unit"

Telephone Number: _____

Basin Operating Company

370 17th Street, Suite 1800

Denver, CO 80202

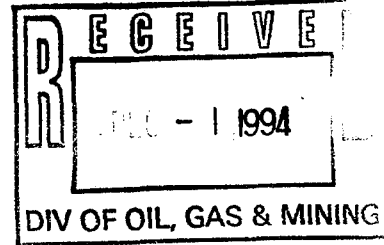
Office 303/685-8000

Fax 303/685-8010



November 30, 1994

Ms. Lisha Cordova
State of Utah Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203



Re: **Sterling Energy Corporation Merger
and Change of Name**

Dear Ms. Cordova:

On November 22, 1994, Basin Energy, Inc., a Colorado corporation, merged into Sterling Energy Corporation, a Colorado corporation, and became Basin Sterling, Inc., a wholly owned subsidiary of Basin Exploration, Inc. Immediately thereafter, Basin Sterling, Inc. merged into its parent corporation, Basin Exploration, Inc., a Delaware corporation.

Sterling Energy Corporation is now, for all purposes, Basin Exploration, Inc. Attached are copies of Certificates of Merger from the states of Colorado and Delaware, evidencing the corporate mergers described above.


The address of Basin Exploration, Inc. is 370 17th Street, Suite 1800, Denver, Colorado. Please change all Sterling Energy Corporation records to reflect the new name and address.

Basin Operating Company (the wholly owned operating subsidiary of Basin Exploration, Inc.) will, by operation of law, become the operator of the properties on December 1, 1994. Sundry notices (Form 9) and exhibits for the properties are enclosed.

Please contact me if you have any additional questions regarding this merger.

Yours very truly,

BASIN OPERATING COMPANY


Judi Roys
Production

Enclosure

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"BASIN STERLING, INC.", A COLORADO CORPORATION,
WITH AND INTO "BASIN EXPLORATION, INC." UNDER THE NAME OF
"BASIN EXPLORATION, INC.", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, WAS RECEIVED AND FILED
IN THIS OFFICE THE TWENTY-SECOND DAY OF NOVEMBER, A.D. 1994, AT
4:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID
CORPORATION SHALL BE GOVERNED BY THE LAWS OF THE STATE OF
DELAWARE.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

2289801 8330

944226741

AUTHENTICATION:

DATE:

7312955

11-23-94

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number:
2. Name of Operator: BASIN OPERATING COMPANY	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: 370 17TH STREET, SUITE 1800, DENVER, CO 80202 (303) 685-8500	7. Unit Agreement Name:
4. Location of Well Footages: SEE ATTACHED	8. Well Name and Number:
OO, Sec., T., R., M.:	9. AP1 Well Number:
	10. Field and Pool, or Wildcat:
	County: SAN JUAN State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change name of operator due to corporate merger.</u> | |

Date of work completion December 1, 1994
(effective date)

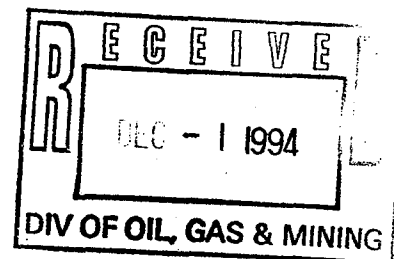
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

FORMER NAME OF OPERATOR:

Sterling Energy Corporation
Z Trinity Petro Mgt Inc.
1801 Broadway, Suite 600
Denver, CO 80202



13.

Name & Signature: [Signature]

Title: V.P. & CHIEF OPERATING OFFICER Date: 11/30/94

(This space for State use only)

ARTICLES OF MERGER FOR THE MERGER OF
BASIN ENERGY, INC.,
a Colorado corporation, into
STERLING ENERGY CORPORATION,
a Colorado corporation

RECEIVED
1994 NOV 22 PM 2:30
SECRETARY OF STATE
STATE OF COLORADO

Pursuant to the provisions of Section 7-111-101 of the Colorado Business Corporation Act, the undersigned corporation has caused an officer to execute these Articles of Merger for the purpose of filing with the Secretary of State of the State of Colorado.

Article I

The "Agreement and Plan of Merger" attached hereto as Exhibit A and incorporated herein by reference has been approved and adopted by the directors and the shareholders of Basin Energy, Inc., a Colorado corporation ("Basin"), in the manner provided by the laws of the State of Colorado and by the directors and the shareholders of Sterling Energy Corporation, a Colorado corporation ("Sterling"), in the manner provided by the laws of the State of Colorado. Sterling is the surviving corporation, however, the name of the surviving entity shall be Basin Sterling, Inc. ("BSI").

Article II

As to Basin, the number of shares cast for the Agreement and Plan of Merger by each voting group entitled to vote separately thereon was sufficient for approval thereof.

As to Sterling, the number of shares cast for the Agreement and Plan of Merger by each voting group entitled to vote separately thereon was sufficient for approval thereof.

Article III

The Merger is to be effective on and as of the date upon which these Articles of Merger are filed with the Secretary of State of the State of Colorado.

Article IV

BSI agrees that it will promptly pay to any dissenting shareholders the amount, if any, to which they may be entitled under the provisions of the Colorado Business Corporation Act with respect to the rights of dissenting shareholders.

Article V

BSI agrees that it may be served with process in any proceeding for the enforcement of any obligation of Basin and in any proceeding for the enforcement of the rights of a dissenting shareholder against BSI.


Such service of process, if any, shall be sent by registered or certified mail to its principal office at:

Basin Sterling, Inc.
c/o Basin Exploration, Inc.
370 Seventeenth Street, Suite 1800
Denver, Colorado 80202


Attention: Howard L. Boigon
Vice President - General
Counsel and Secretary

Executed this 22nd day of November, 1994

STERLING ENERGY CORPORATION,
a Colorado corporation

By 
J. Samuel Butler, President

BASIN ENERGY, INC.,
a Colorado corporation

By 
Michael S. Smith, President

FIELD	WELL NAME	API #	COUNTY	ST	SEC	TWN	RGE	1/4 1/4	LEASE #
-------	-----------	-------	--------	----	-----	-----	-----	---------	---------

(entity#)

✓ BLUFF	BLUFF 13- 4	430373072600	SAN JUAN	UT	4	40S	23E	NWSW	11146
✓ BLUFF	BLUFF 24-5	430371586500	SAN JUAN	UT	5	40S	23E	SESW	
✓ BLUFF	BLUFF 3	430371586400	SAN JUAN	UT	4	40S	23E	NWNW	
✓ BLUFF	BLUFF 42- 5	430373086600	SAN JUAN	UT	5	40S	23E	SENE	
✓ BLUFF	BLUFF 44-5	430371586700	SAN JUAN	UT	5	40S	23E	SESE	
DESERT CREEK	DESERT CREEK 2	430371586800	SAN JUAN	UT	35	41S	23E	SESE	06270
✓ RECAP . CREEK	RECAPTURE CREEK 1	430371587100	SAN JUAN	UT	21	40S	23E	SESW	06265
✓ RECAP . CREEK	RECAPTURE CREEK 2	430373072700	SAN JUAN	UT	21	40S	23E	NWSW	06255
✓ RECAP . CREEK	RECAPTURE CREEK 3	430373092600	SAN JUAN	UT	21	40S	23E	NWSE	08450
TOHONADLA	NAVAJO TR #23-1	430371056500	SAN JUAN	UT	2	42S	21E	NENE	06230
TOHONADLA	TOHONADLA 1	430371587200	SAN JUAN	UT	35	41S	21E	SWSE	11202
TOHONADLA	TOHONADLA + 23-35	430371587400	SAN JUAN	UT	35	41S	21E	SWSE	
TOHONADLA	TOHONADLA + 41-25	430371587600	SAN JUAN	UT	35	41S	21E	SWSE	
TOHONADLA	TOHONADLA + 2-35	31568 430371587200	SAN JUAN	UT	35	41S	21E	SWSE	
TOHONADLA	TOHONADLA + 36-1	30854 430371587200	SAN JUAN	UT	35	41S	21E	SWSE	6/2/00

ARTICLES OF MERGER FOR THE MERGER OF
BASIN STERLING, INC.,
a Colorado corporation, into
BASIN EXPLORATION, INC.,
a Delaware corporation

RECEIVED
1994 NOV 22 PM 3:35
SECRETARY OF STATE
STATE OF COLORADO

Pursuant to the provisions of Sections 7-111-107 and 7-111-104 of the Colorado Business Corporation Act, the undersigned corporation has caused an officer to execute these Articles of Merger for the purpose of filing with the Secretary of State of the State of Colorado.

Article I

The "Plan of Merger" attached hereto as Exhibit A and incorporated herein by reference has been approved and adopted by the directors of Basin Exploration, Inc., a Delaware corporation ("Basin"), in the manner provided by the laws of the states of Delaware and Colorado.

Article II

Basin owns 100% of each class of the issued and outstanding capital stock of BSI.

ARTICLE III

As to BSI, no shareholder approval was required for the merger.

As to Basin, no stockholder approval was required for the merger.

Article IV

The Merger is to be effective on and as of the date upon which these Articles of Merger are filed with the Secretary of State of the State of Colorado.

Article V

Basin agrees that it may be served with process in any proceeding for the enforcement of any obligation of BSI.

Such service of process, if any, shall be sent by registered or certified mail to its principal office at:

Basin Exploration, Inc.
Suite 1800
370 17th Street
Denver, Colorado 80202
Attention: Howard L. Boigon, Vice President -
General Counsel and Secretary

Executed this 22nd day of November, 1994

Basin Exploration, Inc.,
a Delaware corporation

By



Michael S. Smith, President

Exhibit A

PLAN OF MERGER

THIS PLAN OF MERGER, dated as of November 22, 1994, is to provide for the merger of Basin Sterling, Inc., a Colorado corporation ("BSI"), into Basin Exploration, Inc., a Delaware corporation ("Basin"). BSI and Basin are sometimes hereafter together referred to as the "Constituent Corporations."

WHEREAS, BSI is a corporation duly organized and existing under the laws of the State of Colorado, having an authorized capital stock of 10,000 shares of Common Stock, \$.01 par value (the "BSI Common Stock");

WHEREAS, 1,000 shares of BSI Common Stock are issued and outstanding and owned by Basin, and are the only shares of capital stock of BSI issued and outstanding;

WHEREAS, the board of directors of Basin has determined that it is advisable and in the best interests of such corporations that BSI merge with and into Basin as authorized by the statutes of the states of Colorado and Delaware and upon the terms and subject to the conditions of this Agreement; and

WHEREAS, the board of directors of Basin has, by resolutions duly adopted, approved this Plan and, pursuant to the statutes of the states of Colorado and Delaware, no shareholder or stockholder approval was required.

NOW, THEREFORE, it is resolved as follows:

1. **Merger.** Upon the terms and subject to the conditions set forth in this Plan, BSI shall be merged with and into Basin (the "Merger"), and Basin shall be the surviving corporation (sometimes hereafter referred to as the "Surviving Corporation"). The name of the Surviving Corporation shall be Basin Exploration, Inc. The Merger shall become effective (the "Effective Time") upon the time and date of filing of such documents as required under applicable law.

2. **Governing Documents.** The certificate of incorporation of Basin, as in effect immediately prior to the Effective Time, shall be the certificate of incorporation of the Surviving Corporation without change or amendment until thereafter amended in accordance with applicable law. The bylaws of Basin, as in effect immediately prior to the Effective Time, shall be the bylaws of the Surviving Corporation without change or amendment until thereafter amended in accordance with applicable law. References to "the corporation" in Article 6 of the bylaws of Basin shall include BSI, in addition to Basin, so that any person who was a director or officer of BSI or is or was serving at the request of BSI as a director, employee, or agent

of another corporation, partnership, joint venture, trust, association, or other entity shall stand in the same position under the provisions of said Article 6 with respect to Basin as he would if he had served Basin in the same capacity or is or was so serving such other entity at the request of Basin, as the case may be.

3. **Succession; Officers and Directors.** At the Effective Time, the separate corporate existence of BSI shall cease, and Basin as the Surviving Corporation shall possess all the rights, privileges, powers and franchises of a public and private nature and be subject to all the restrictions, disabilities and duties of BSI; and all rights, privileges, powers and franchises of BSI, and all property, real, personal and mixed, and all debts due to BSI on whatever account, as well as for share subscriptions and all other things in action belonging to BSI, shall be vested in the Surviving Corporation; and all property, rights, privileges, powers and franchises, and all and every other interest shall be thereafter as effectively the property of the Surviving Corporation as they were of BSI, and the title to any real estate vested by deed or otherwise in BSI, shall not revert or be in any way impaired by reason of the Merger; but all rights of creditors and all liens upon any property of BSI shall be preserved unimpaired, and all debts, liabilities and duties of BSI shall thenceforth attach to the Surviving Corporation and may be enforced against it to the same extent as if such debts, liabilities and duties had been incurred or contracted by the Surviving Corporation. All corporate acts, plans, policies, agreements, arrangements, approvals and authorizations of BSI, its shareholders, Board of Directors and committees thereof, officers and agents which were valid and effective immediately prior to the Effective Time, shall be taken for all purposes as the acts, plans, policies, agreements, arrangements, approvals and authorizations of Basin and shall be as effective and binding thereon as the same were with respect to BSI.

At the Effective Time, except as provided elsewhere in this Plan, the officers of Basin shall become the officers of the Surviving Corporation to hold the positions in the Surviving Corporation to which they have been elected as officers of Basin and to serve in accordance with the bylaws of the Surviving Corporation.

At the Effective Time, the following persons shall become and constitute the board of directors, and the members thereof, of the Surviving Corporation until their respective successors shall have been duly elected and qualified, or until their earlier death, resignation or removal: Michael S. Smith, Arthur L. Angeli, David M. Blandford, J. Paul Hellstrom, Melvin O. Glerup, Larry D. Unruh, and Michael A. Nicolais.

4. **Further Assurances.** From time to time, as and when required by Basin, or by its successors and assigns, there

shall be executed and delivered on behalf of BSI such deeds and other instruments, and there shall be taken or caused to be taken by it all such further and other action, as shall be appropriate or necessary in order to vest, perfect or confirm, of record or otherwise, in Basin the title to and possession of all property, interests, assets, rights, privileges, immunities, powers, franchises and authority of BSI, and otherwise to carry out the purposes of this Plan, and the officers and directors of Basin are fully authorized in the name and on behalf of BSI or otherwise, to take any and all such action and to execute and deliver any and all such deeds and other instruments.

5. **Cancellation of Common Stock.** The 1,000 shares of BSI Common Stock presently issued in the name of Basin shall be cancelled and retired and no shares or other security shall be issued in respect thereof.

6. **Amendment.** Subject to applicable law, this Plan may be amended, modified or supplemented by the board of directors of Basin at any time prior to the Effective Time.

7. **Abandonment.** At any time prior to the Effective Time, this Plan may be terminated and the Merger may be abandoned by the board of directors of Basin, if circumstances arise which, in the opinion of the board of directors of Basin, make the Merger inadvisable.

8. **Service of Process.** The Surviving Corporation, from and after the Effective Time, agrees that it may be sued and served with process in the State of Colorado at 370 17th Street, Suite 1800, Denver, Colorado 80202, to the attention of Howard L. Boigon, Vice-President - General Counsel and Secretary, in any proceeding for the enforcement of any obligation of BSI.

9. **Governing Law.** This Plan shall be governed by and construed in accordance with the laws of the State of Delaware.

IN WITNESS WHEREOF, Basin has caused this Plan to be signed by its duly authorized officers as of the date first above written.

ATTEST:

BASIN EXPLORATION, INC., a
Delaware corporation

By Howard L. Boigon
Howard L. Boigon, Secretary

By Michael S. Smith
Michael S. Smith, President

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3100
SL-067691A et al
(UT-923)

MAY 15 1995

NOTICE

Basin Exploration, Inc.	:	Oil and Gas
370 17th Street, Suite 1800	:	SL-067691A et al
Denver, Colorado 80202	:	

Name Change Recognized Mergers Recognized

Acceptable evidence has been filed in this office concerning the merger of Basin Energy, Inc., into Sterling Energy Corporation, which became Basin Sterling, Inc. Basin Sterling, Inc. then merged into Basin Exploration, Inc. with Basin Exploration, Inc. being the surviving entity.

For our purposes, the merger of Basin Sterling, Inc. into Basin Exploration, Inc. is recognized effective November 23, 1994.

The following lease files have been noted to reflect the above changes.

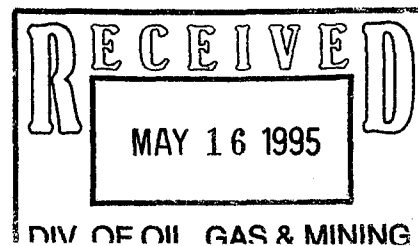
SL-067691A	U-01058
SL-067700A	<u>U-01890</u> <i>Recapture Creek Unit</i>
SL-067706A	U-23147
SL-067710A	U-37841
<u>SL-071403A</u> <i>Bluff Unit</i>	UTU-68666
SL-071404A	UTU-68667

A rider has been issued for Sterling Energy Corporation, Inc. Nationwide Bond No. 7525071 (BLM Bond No. CO0944) changing the name of the Principal to Basin Exploration, Inc., and Basin Operating Company.

/s/ Robert Lopez

Chief, Branch of Mineral
Leasing Adjudication

bc: Moab District Office
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
State of Utah, Attn: Lisha Cordova, Division of Oil, Gas, and Mining,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
UT-920 (Teresa Thompson)



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1- REC	
2- LWP 7-PL	
3- DTS 8-SJ	
4- VLG 9-FILE	
5- RJF	
6- LWP	

☒ Change of Operator (~~well sold~~) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change ~~Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-22-94)

TO (new operator) **BASIN EXPLORATION INC**
(address) **370 17TH ST STE 1800**
DENVER CO 80202
JUDI ROYS
phone (**303**) **685-8000**
account no. **N5070 (4-26-95)**

FROM (former operator) **STERLING ENERGY CORP**
(address) **1801 BROADWAY STE 600**
DENVER CO 80202
phone (**303**) **296-1908**
account no. **N5945**

Well(s) (attach additional page if needed):
***RECAPTURE CREEK UNIT**
***BLUFF UNIT**

Name: **SEE ATTACHED**	API: <u>037-30726</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 12-1-94 / Articles of Merger)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 12-1-94)*
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: #171609 *(12-7-94) (cf. 1/3/95)*
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(5-22-95)*
- See 6. Cardex file has been updated for each well listed above. *5-22-95*
- See 7. Well file labels have been updated for each well listed above. *5-22-95*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(5-22-95)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operators' bond files.
- ____ 3. The former operator has requested a release of liability from their bond (yes/no) ____ Today's date ____ 19____. If yes, division response was made by letter dated ____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated ____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/12 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: May 26 1995.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950519 Basin Expl. Inc. / Judy Roys - Oper. of wells Basin Expl. Inc. Not Basin Oper. Co.
(Corrects letter dated 11-30-94).

* Indian Lease wells, separate chg.

* 950522 Sterling address updated to Sterling % Basin Expl. Inc. from Sterling % Trinity Petro. until final appr.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER ☐

2. NAME OF OPERATOR:

3. ADDRESS OF OPERATOR:

CITY

STATE

ZIP

PHONE NUMBER:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 2/1/01 Basin Exploration, Incorporated merged with Stone Energy. The new name is as follows:

Stone Energy, L.L.C.
1670 Broadway, Suite 2800
Denver, CO 80202

Blanket Bond #RLB0002054

Attached is the list of wells that will be effected in the State of Utah. Also attached for your files is a copy of the merger documentation.

Stone Energy, L.L.C.

Pat Jackson - Denver District
Manager

Basin Exploration, Inc.

Gerald D. Gentry Operations Manager

NAME (PLEASE PRINT) Terry L. Hoffman

TITLE Engineering Technician

SIGNATURE

DATE 2/1/01

(This space for State use only)

RECEIVED

MAR 05 2001

DIVISION OF
OIL, GAS AND MINING

Lease #	Well Name & Number	API Number	Field	Legal Location	County
UTU 75140	Bierotat #21-13	4303731793	Wildcat	NE NW 13-T40S-R22E	San Juan
SL 067701	Bluff #10	4303715328	Desert Creek	SW SW 30-T39S-R23E	San Juan
SL 071403A	Bluff #13-4	4303730726	Bluff	NW SE 4-T40S-R23E	San Juan
SL 067701	Bluff #16	4303730989	Desert Creek	SW SE 29-T39S-R23E	San Juan
ML 2008	Bluff #2	4303716538	Desert Creek	SE NW 32-T39S-R23E	San Juan
SL 071403A	Bluff #42-5	4303730866	Desert Creek	SE NE 5-T40S-R23E	San Juan
SL 071403A	Bluff #44-5	4303715867	Bluff	SE SE 5-T40S-R23E	San Juan
892000782A	Bluff #9	4303715327	Desert Creek	NE SE 30-T-39S-T23E	San Juan
892000782A	Bluff State #1	4303720236	Desert Creek	NW NW 32-T39S-R23E	San Juan
SL 067701	Bluff Unit #14	4303730533	Desert Creek	NE SE 30-T-39S-T23E	San Juan
1420603248	Desert Creek #11-35	4303731806	Wildcat	NW NE 35-T41S-R23E	San Juan
1420603248	Desert Creek #2	4303715868	Desert Creek	SE SE 35-T41S-R23E	San Juan
1420603270	Navajo Tribal #23-1	4303710535	Tohonadla	NE NE 2-T42S-21E	San Juan
U-01890	Recapture Creek #1	4303715871	Recapture Creek	SE SE 21-T40S-R23E	San Juan
U-01890	Recapture Creek #2	4303730727	Recapture Creek	NW SW 21-T40S-R23E	San Juan
U-01890	Recapture Creek #3	4303730926	Recapture Creek	NW SE 21-T40S-R23E	San Juan
1420603229	Tohonadla #1	4303715872	Tohonadla	SW SE 35-T41S-R21E	San Juan
1420603229	Tohonadla #23-35	4303715874	Tohonadla	NE SW 35-T41S-R21E	San Juan
1420603229	Tohonadla #2-35	4303731568	Tohonadla	N2 S2 35-T41S-R21E	San Juan



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
SL-067701 et al
(UT-932)

MAR 23 2001

NOTICE

Stone Energy, L.L.C.
1670 Broadway, #2800
Denver, CO 80202

Oil and Gas Leases

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Basin Exploration, Inc. to Stone Energy, L.L.C. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal on oil and gas bond WY3181 is required to be changed from Basin Exploration, Inc. to Stone Energy, L.L.C. You may accomplish this change either by consent of the surety on the original bond or by a rider to the original bond. The rider should be submitted to the Wyoming State Office.

ROBERT LOPEZ

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure
Exhibit of Leases

RECEIVED

MAR 27 2001

DIVISION OF
OIL, GAS AND MINING

EXHIBIT A
LEASES AFFECTED BY NAME CHANGE

SL-067701	SL-067710A	SL-071403A
U-01058	U-01890	U-056794
U-23147	U-37841	UTU-72671
UTU-73064	UTU-73734	UTU-74461
UTU-75000	UTU-75013	UTU-75140
UTU-75501	UTU-76062	UTU-76303
UTU-76304	UTU-76728	UTU-76865
UTU-76957	UTU-77288	UTU-77289
UTU-77299	UTU-77528	UTU-77529
UTU-77536	UTU-78027	UTU-78226
UTU-78227	UTU-78230	UTU-78441
UTU-78522	UTU-78730	UTU-79006
UTU-79007	UTU-79008	UTU-79009
UTU-79131	UTU-79182	UTU-79183
UTU-79148	U-63011X (Bluff Unit)	U-63020X (Recapture Creek)

cc: MMS-Reference Data Branch, MS 3130, Box 5860, Denver, 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801
Teresa Thompson (UT-931)
Rhonda Flynn/Angela Williams (UT-942)
Vernal Field Office
Moab Field Office
Price Field Office
San Juan Field Office

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF "BASIN EXPLORATION, INC.", CHANGING ITS NAME FROM "BASIN EXPLORATION, INC." TO "STONE ENERGY, L.L.C.", FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2001, AT 3:30 O'CLOCK P.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2289801 8100

AUTHENTICATION: 0958659

010060875

DATE: 02-06-01

**CERTIFICATE OF CONVERSION
OF
BASIN EXPLORATION, INC.
INTO
STONE ENERGY, L.L.C.**

February 1, 2001

UNDER SECTION 266 OF THE GENERAL CORPORATION LAW
OF THE STATE OF DELAWARE AND SECTION 18-214 OF THE
DELAWARE LIMITED LIABILITY COMPANY ACT

Basin Exploration, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Company"), DOES HEREBY CERTIFY THAT:

1. *Name of Corporation to be Converted.* The name of the Company immediately prior to conversion is Basin Exploration, Inc., and the name under which the Company was originally incorporated was Basin Exploration, Inc.
2. *Original Date and Jurisdiction of Incorporation.* The original certificate of incorporation of the Company was filed on March 2, 1992 with the Secretary of the State of Delaware.
3. *Name of Limited Liability Company.* The name of the limited liability company into which the Company will be converted is Stone Energy, L.L.C.
4. *Approval of Conversion.* This conversion has been approved in accordance with the provisions of Section 266 of the General Corporation Law of Delaware and Section 18-214 of the Delaware Limited Liability Company Act.
5. *Effective Time.* The effective time of the conversion of the Company to a limited liability company contemplated hereby shall be February 1, 2001.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Conversion as of the date first written above.

BASIN EXPLORATION, INC.

By: Andrew L. Gates, III
Andrew L. Gates, III
Attorney In Fact

CERTIFICATE OF FORMATION
OF
STONE ENERGY, L.L.C.

This Certificate of Formation, dated February 1, 2001, has been duly executed and is filed pursuant to Section 18-201 of the Delaware Limited Liability Company Act (the "Act") to form a limited liability company (the "Company") under the Act.

1. **Name.** The name of the Company is "Stone Energy, L.L.C."
2. **Registered Office; Registered Agent.** The address of the registered office required to be maintained by Section 18-104 of the Act is:

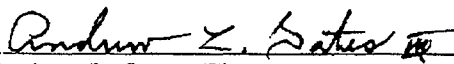
1209 Orange Street
Wilmington, Delaware 19801

The name and address of the registered agent for service of process required to be maintained by Section 18-104 of the Act are:

The Corporation Trust Company
1209 Orange Street
Wilmington, Delaware 19801

3. **Effective Time.** The effective time of the formation of the Company contemplated hereby is February 1, 2001.

EXECUTED as of the date first written above.


Andrew L. Gates, III
Authorized Person

State of Delaware
Office of the Secretary of State

PAGE 2

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "STONE ENERGY, L.L.C." FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2001, AT 3:30 O'CLOCK P.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2289801 8100V

AUTHENTICATION: 0950237

010053850

DATE: 02-01-01

CERTIFICATE OF FORMATION
OF
STONE ENERGY, L.L.C.

This Certificate of Formation, dated February 1, 2001, has been duly executed and is filed pursuant to Section 18-201 of the Delaware Limited Liability Company Act (the "Act") to form a limited liability company (the "Company") under the Act.

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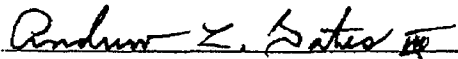
1209 Orange Street
Wilmington, Delaware 19801

The name and address of the registered agent for service of process required to be maintained by Section 18-104 of the Act are:

The Corporation Trust Company
1209 Orange Street
Wilmington, Delaware 19801

3. **Effective Time.** The effective time of the formation of the Company contemplated hereby is February 1, 2001.

EXECUTED as of the date first written above.


Andrew L. Gates, III
Authorized Person

- OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS	✓
2. CDW	✓	5-KAS	✓
3. JLT		6-FILE	

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **2/1/2001****FROM: (Old Operator):**

BASIN EXPLORATION INC

Address: 1670 BROADWAY, STE 2800

DENVER, CO 80202

Phone: 1-(303)-685-8000

Account No. N5070

TO: (New Operator):

STONE ENERGY LLC

Address: 1670 BROADWAY, STE 2800

DENVER, CO 80202

Phone: 1-(303)-685-8000

Account No. N1555

CA No.

Unit: **BLUFF****WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BLUFF 9	43-037-15327	625	30-39S-23E	FEDERAL	OW	S
BLUFF 14	43-037-30533	625	30-39S-23E	FEDERAL	OW	P
BLUFF STATE 1	43-037-20236	625	32-39S-23E	STATE	OW	S
BLUFF 13-4	43-037-30726	11146	04-40S-23E	FEDERAL	OW	P
BLUFF 42-5	43-037-30866	11146	05-40S-23E	FEDERAL	OW	P
BLUFF 44-5	43-037-15867	11146	05-40S-23E	FEDERAL	OW	S

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 03/05/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/05/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/28/2001
- Is the new operator registered in the State of Utah: YES Business Number: 4874937-0161
- If **NO**, the operator was contacted on: N/A
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 03/23/2001
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 03/23/2001

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Prog:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 03/29/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/29/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

FILMING:

1. All attachments to this form have been **MICROFILMED** on: APR. 25 2001

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: N/A
2. NAME OF OPERATOR: Stone Energy, L.L.C. N1555		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1801 Broadway, St. 700 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: 8920007820 BLUFF
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2140 FSL and 660 FWL		8. WELL NAME and NUMBER: Bluff #13-4
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 4 40S 23E		9. API NUMBER: 4303730726
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Desert Creek
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Transfer of Interest/ Operations</u>
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2004, Stone Energy, L.L.C. is transferring title interest and operations of this well to Matrix Production Company, whose address is 5725 Commonwealth Blvd., Sugar Land, Texas 77479, Tele: 281-265-1212. The Matrix bonding is as follows: (1) BIA lands V.S. Specialty Insurance Company Bond No. B 001183 for \$ 120,000.00 (2) State of Utah Trust lands, V.S. Specialty Insurance Company Bond No. B 001043 for \$ 10,000.00 and (3) BLM lands V.S. Specialty Insurance Company Bond No. B 001041 for \$ 25,000.00.

MATRIX PRODUCTION COMPANY N2660

By: [Signature]
(Signature)
Name: Larry W. Lathrop

Title: Vice President

Date: 6/30/2004

NAME (PLEASE PRINT) <u>Michael E. Cuba</u>	TITLE <u>Denver District Manager</u>
SIGNATURE <u>[Signature]</u>	DATE <u>6/30/2004</u>

(This space for State use only)

APPROVED 10/27/04

Earlene Russell

(5/2000)

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

OCT 04 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

6/1/2004

FROM: (Old Operator):

N1555-Stone Energy, LLC
1801 Broadway, Suite 700
Denver, CO 80202

Phone: 1-(303) 685-8000

TO: (New Operator):

N2660-Matrix Production Company
5725 Commonwealth Blvd
Sugar Land, TX 77479

Phone: 1-(281) 265-1212

CA No.

Unit:

see below

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BLUFF 16	29	390S	230E	4303730989	632	Federal	OW	P
BLUFF ST 2	32	390S	230E	4303716538	629	State	OW	S
RECAPTURE CREEK 2	21	400S	230E	4303730727	6255	Federal	OW	P
RECAPTURE CREEK 3	21	400S	230E	4303730926	8450	Federal	OW	S
TOHONADLA 1	35	410S	210E	4303715872	11202	Indian	OW	P
TOHONADLA 23-35	35	410S	210E	4303715874	11202	Indian	OW	P
TOHONADLA 2-35	35	410S	210E	4303731568	11202	Indian	OW	P
DESERT CREEK 2	35	410S	230E	4303715868	6270	Indian	OW	P
NAVAJO TR 23-1	02	420S	210E	4303715540	6230	Indian	OW	P
RECAPTURE UNIT								
RECAPTURE CREEK 1	21	400S	230E	4303715871	6265	Federal	OW	S
BLUFF UNIT								
BLUFF U 9	30	390S	230E	4303715327	625	Federal	OW	S
BLUFF U 14	30	390S	230E	4303730533	625	Federal	OW	P
BLUFF U ST 1	32	390S	230E	4303720236	625	State	OW	S
BLUFF 13-4	04	400S	230E	4303730726	11146	Federal	OW	P
BLUFF 44-5	05	400S	230E	4303715867	11146	Federal	OW	P
BLUFF 42-5	05	400S	230E	4303730866	11146	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/4/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/4/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/26/20044. Is the new operator registered in the State of Utah: YES Business Number: 5681279-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on:

6b. Inspections of LA PA state/fee well sites complete on: n/a

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: not yet

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 10/27/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/27/2004
3. Bond information entered in RBDMS on: 10/27/2004
4. Fee/State wells attached to bond in RBDMS on: 10/27/2004
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B001041

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: B001183

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B001044 and B001045
2. The **FORMER** operator has requested a release of liability from their bond on: held at TLA
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: